Pharmaceutical Export Promotion Council

(PHARMEXCIL)

User Manual

for

Integrated Validation of Export of Drugs and its Authentication

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Centre for Development of Advanced Computing

(A Scientific Society of the Ministry of Electronics and Information Technology, Govt. of India)

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3) *Member Companies: for bringing forth queries of real time has helped in incorporating the desired essentials.*

Summary

Integrated Validation of Export of Drugs from India and its Authentication (iVEDA), a project of the Ministry of Commerce & Industry developed by Pharmexcil with technical support from CDAC for facilitating the implementation of Track and Trace for Pharmaceutical products, instituted by the Commerce Ministry.

The cognizance of the issues and concerns raised by the pharma industry with regards to Trace and Track and with specific reference to data upload issues on DAVA portal, taking into the consideration, Department of Commerce has constituted an Expert Committee. The recommendations arrived after series of consultations with the all the stakeholders led to the decision of developing a new web portal for validation and authentication of Drugs Export from India, which is **iVEDA.**

Pharmexcil has been entrusted with the responsibility of developing the Web Portal through CDAC. Pharmexcil and CDAC conducted series of meetings and analysed all the issues, suggestions and recommendations of the industry and has developed this portal.

iVEDA is a well-refined and built-in system, **replacing the DAVA portal**.

iVEDA has been developed with a clear thought process to offer more flexibility and user friendly for the industry. The salient features are,

- Easy Registration and Quick Verification/approvals.
- Option of aggregation/non-aggregation.
- Companies using GS1 code can continue doing so.
- Merchant Exporters can now upload the data using the necessary guidelines
- Companies can get CDAC codes in case they have not yet subscribed to get codes from GS1 or any other agencies.
- Bulk upload of XML files enabled.

iVEDA Portal follow the procedures set by the DGFT/Department of Commerce from time to time through various trade notifications with regards to Bar coding/track and trace implementation. The role of the Pharmexcil is to facilitate the industry through the iVEDA platform for effective implementation of Track & Trace system, introduced and amended by the Commerce Ministry since 2011.

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Document Release History

S. No	Version No	Description	Prepared By	Approved By
1	0.1	Draft User Manual		
2	1.0	Beta version launch of User Manual. Internally reviewed and incorporated the feedback of Pharmexcil		
3	1.1	1- Changes in Consignment XML(SSCC, FileName, ProductCode) 2- Changes in Product XML(Add Product Code Changed) 3- Screenshot of Manufacturer and Exporter Desktop Deleted Upload XML Functionality from web App		

INTRODUCTION

1. Introduction

Government of India through the DGFT has introduced Track & Trace System in 2011 in the background of countering the vast adverse propaganda against Indian generic drugs in the international markets. As we understand implementation of any new system requires some time frame and DGFT has given multiple extensions for the industry readiness, and exporters could comply with carrying barcode on tertiary level by 2013 and on secondary level of packing by 2017, following the GS1 standards.

The pro-active efforts of Government are well appreciated in the international markets. However, industry is not able to meet certain requirements of the system i.e. Aggregation of data and uploading it on DAVA portal maintained by NIC and stalemate is continuing in spite of deliberations with the stakeholders and extending the time limits

Department of Commerce has constituted an Expert Committee taking into consideration the difficulties faced by the industry with regards to Trace and Track and with specific reference to data upload issues on DAVA portal. The recommendations arrived after series of consultations with the all the stakeholders led to the decision of developing a new web portal for validation and authentication of Drugs Export from India, which is **iVEDA.**

Pharmexcil has been entrusted with the responsibility of developing the Web Portal through CDAC.**iVEDA** has been developed with a clear thought process to offer more flexibility and user friendly for the industry. The salient features are,

- Easy Registration and Quick Verification/approvals.
- Option of aggregation/non-aggregation.
- Companies using GS1 code can continue doing so.
- Merchant Exporters can now upload the data using the necessary guidelines
- Companies can get CDAC codes in case they have not yet subscribed to get codes from GS1 or any other agencies.
- Bulk upload of XML files enabled.

Pharmexcil and CDAC conducted series of meetings and analysed all the issues, suggestions and recommendations of the industry and has developed this portal. Pharmexcil and CDAC will continue to interact with industry on the day to day matters to understand the working of the iVEDA and also to improve the accessibility.

The User Manual provides guidance to the industry from the point of registration with the iVEDA to the upload of various file formats and its know-hows, coding schemes for Tertiary & Secondary Pack Levels, submission of XML's formats etc., in a detailed manner.

A Help Desk is also being set up for providing required guidance, assistance on trouble shooting/clarifications to facilitate the companies.

The latest notification from DGFT, wide its Public Notice no: 66/2015-20 dt: 30.March 2020 has extended the date of implementation of Track and Trace system for drug formulations with respect to maintaining the Parent-Child relationship in packaging levels and its uploading on Central portal till 01.10.2020 (01.October.2020) for both SSI and non-SSI manufactured drugs.

Pharmexcil and CDAC has been working to launch Beta Version of the iVEDAin the first week of June 2020 to enable member companies prepare and upload the data. The full-fledged portal to the member companies will be made available within a month of the Beta Version.

For more information of DGFT Notifications, please visit https://pharmexcil.org/barcoding/

Please visit the iVEDAwebportal :https://iveda-india.in/IVEDA/login

SYSTEMSTAKEHOLDERS

2. System Stakeholders (Current)

The current system stakeholders for Validation & Authentication System are:

1. Manufacturers
2. Merchant Exporters
3. Pharmexcil Officials
4. Custom Officer

Further stakeholders shall be added as the portal evolves.

HOME PAGE

3. Home Page

- To visit the home page of iVEDA, open the link "https://iveda-india.in/IVEDA/login".

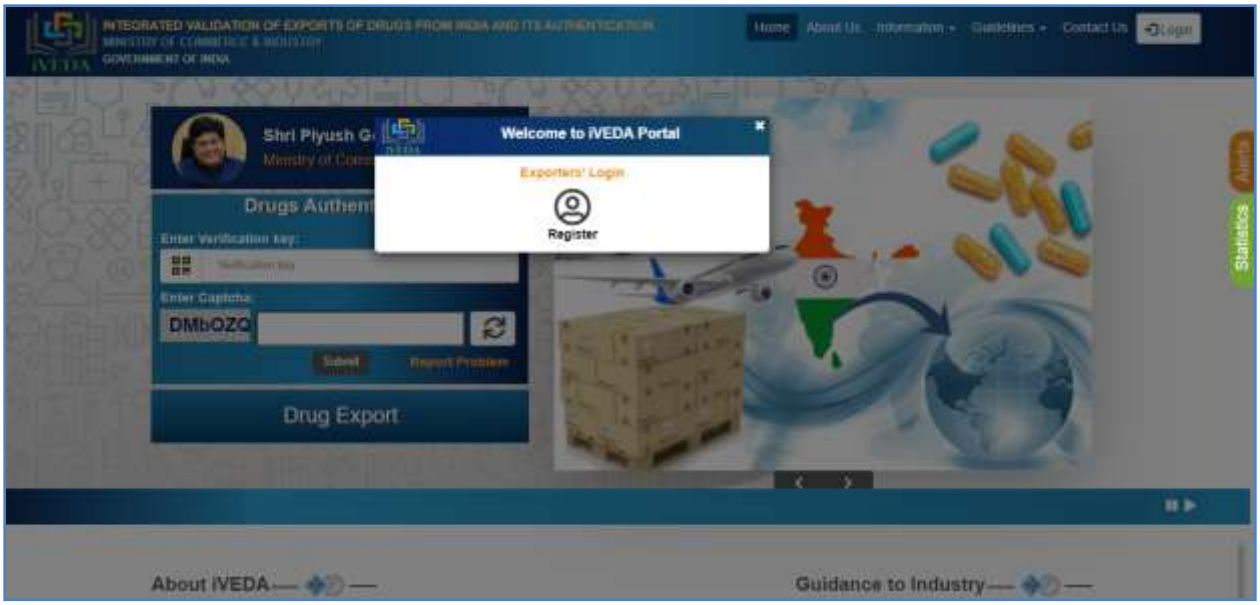

Figure 1: iVEDA Home Page

USER REGISTRATION

4. User Registration

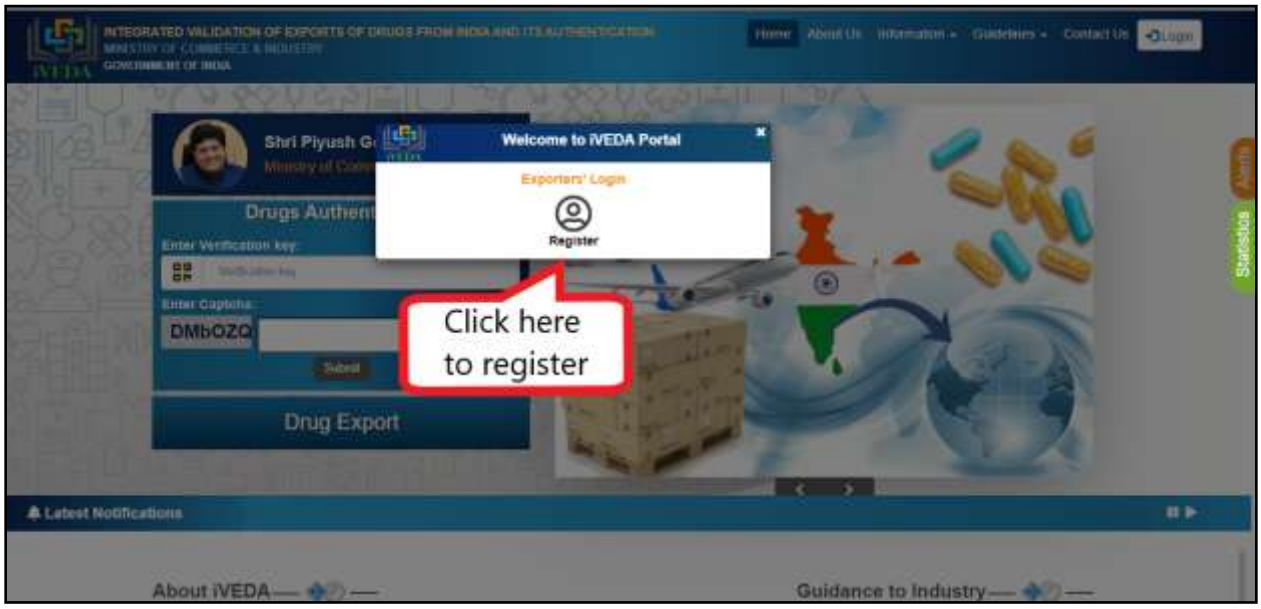

Figure 2: New User Registration

- For first time users, click on the link "**Register**". User registration page will open as shown below.

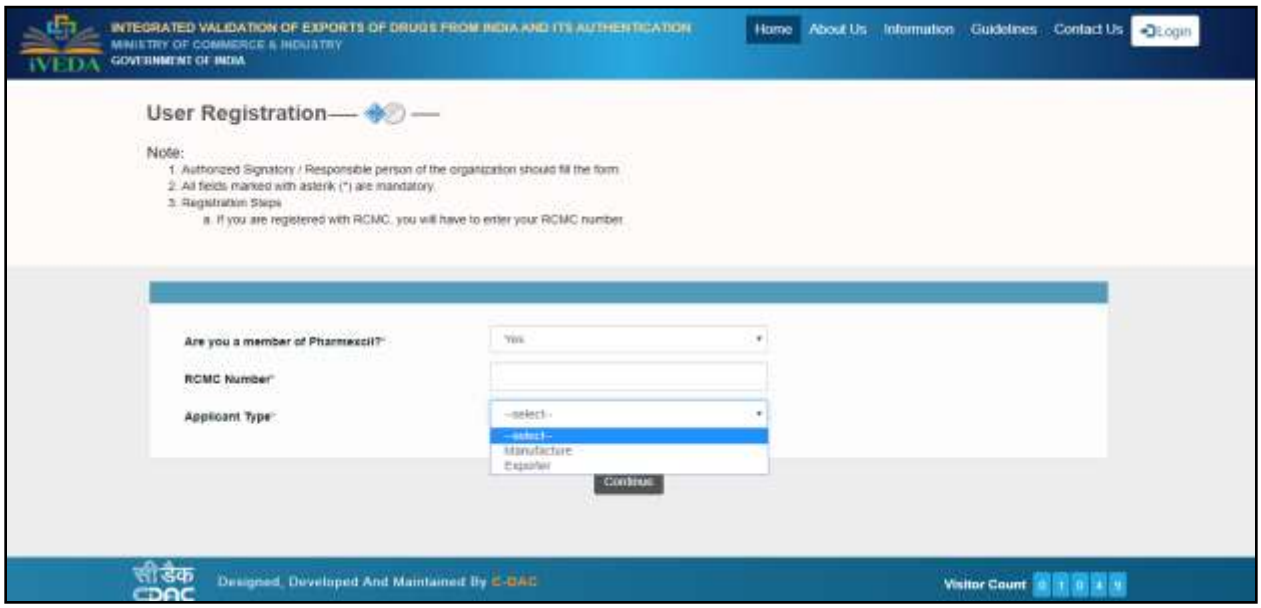

Figure 3: User Registration for Pharmexcil member

- Fill out all the fields and click on '**Continue**' button.

- If you are already a member of Pharmexcil, enter the **RCMC number** and select the **applicant type** and then click on **continue**.

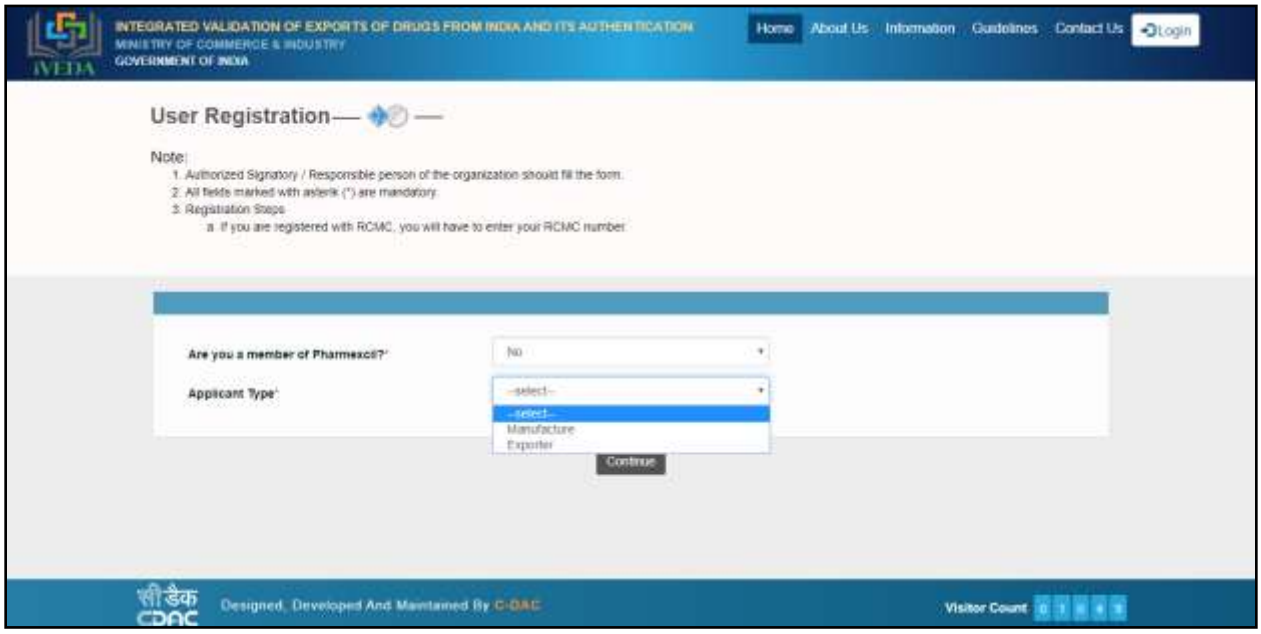

Figure 4: User Registration for non-Pharmexcil member

- If you are not a member of Pharmexcil, then select the **applicant type** and then click on **continue**.

4.1 Manufacturer/Merchant Exporter Registration Form

- Fill the Required Details in **User Registrationpage** shown in the **figure 5, 6, 7 and 8.**

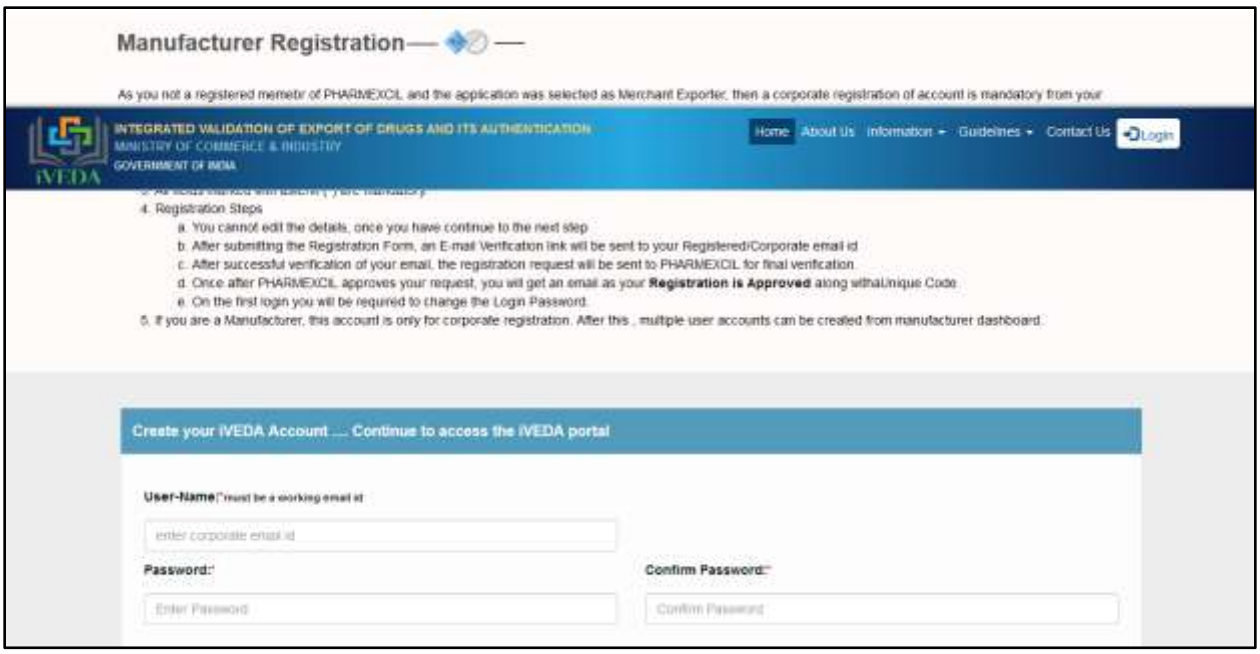

Figure 5: User Registration-1

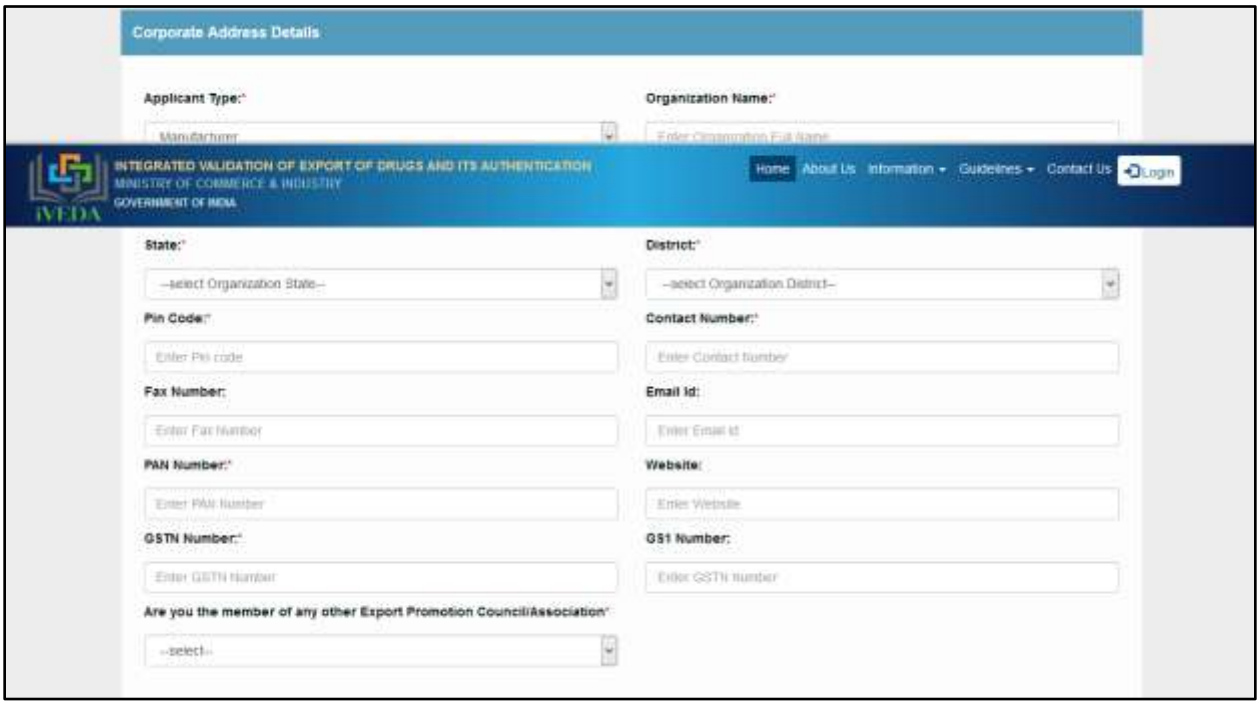

Figure 6: User Registration- 2

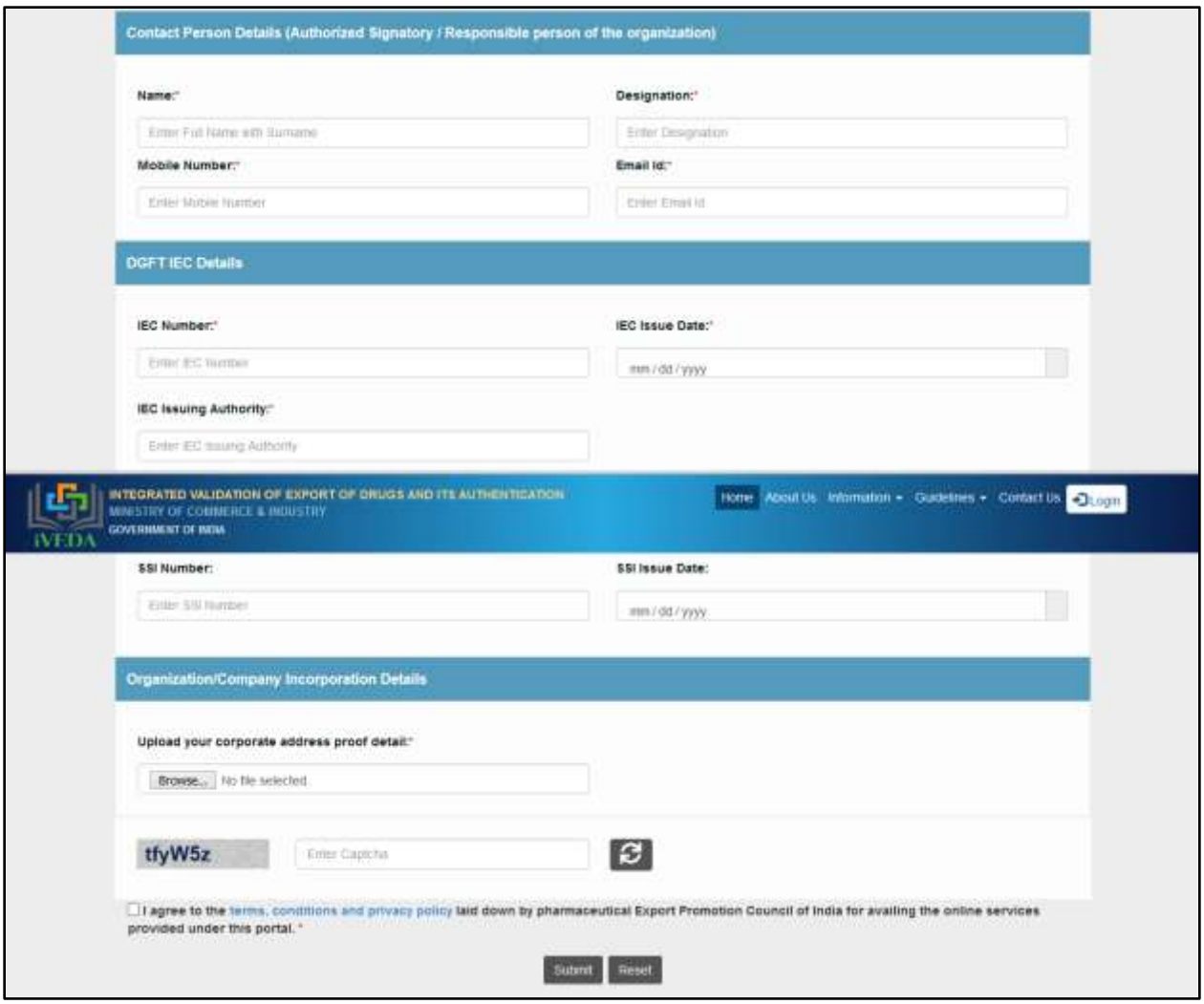

Figure 7: User Registration- 3

- After filling all the Details of Registration (please agree to the terms and conditions).
- Click on '**Submit**' button to save the user details.
- Click on '**Reset**' button to clear the form and start fresh.

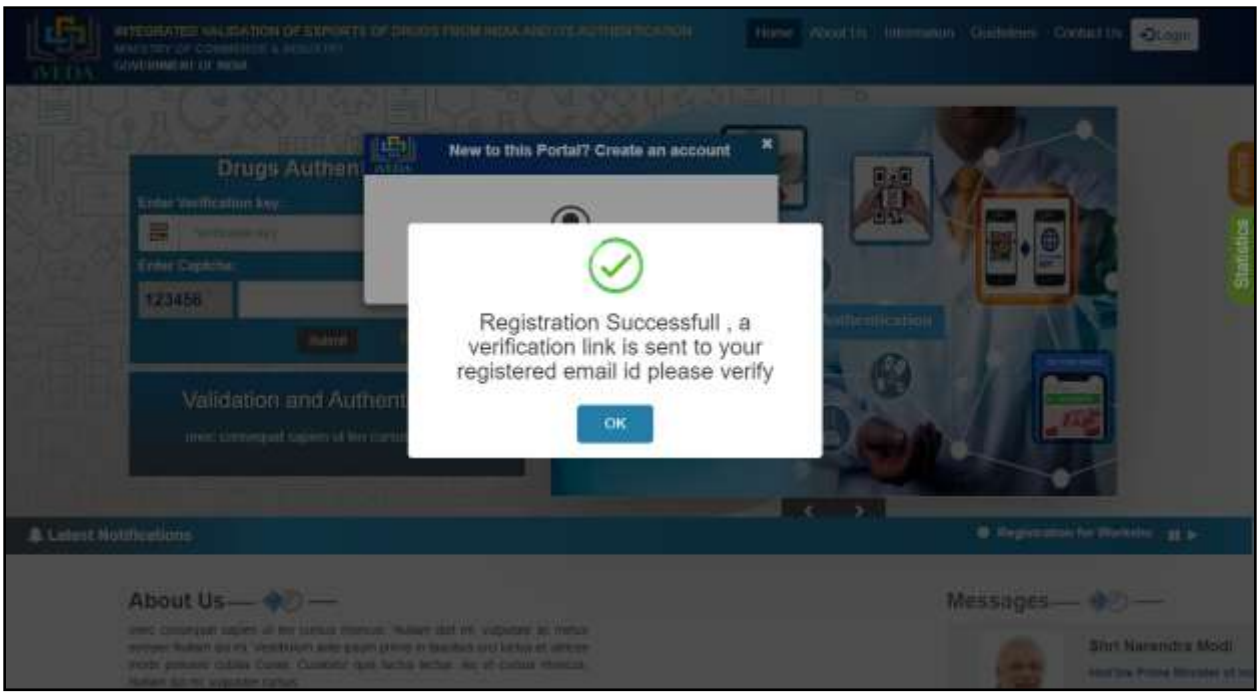

Figure 8: Successful User Registration

- After clicking on '**OK**' button, the details of user saved and a link will be sent to your email ID.

4.2How to verify Registration

- After successful registration, a verification link will be sent to your registered email ID. Copy that link and paste it in the browser. Press **Enter** and your email will get verified.

4.3 Approval or Rejection of User Registration

- After successfully verification of user registration, Pharmexcil Officials will approve or reject the user registration.

- When Pharmexcil Officials approve the user registration then a unique code will be generated for the corporate (manufacturer/merchant exporter).

LOGIN

5. Login Page

- Open the link "https://iveda-india.in/IVEDA/login"and then click on **"Login"** as shown in the **Figure 9**.

Figure 9: Home page for User Login

- After Clicking on **Login button**a dialog box will open as shown in **Figure 10**. Enter Email Address, Password and CAPTCHA and click on Login button.

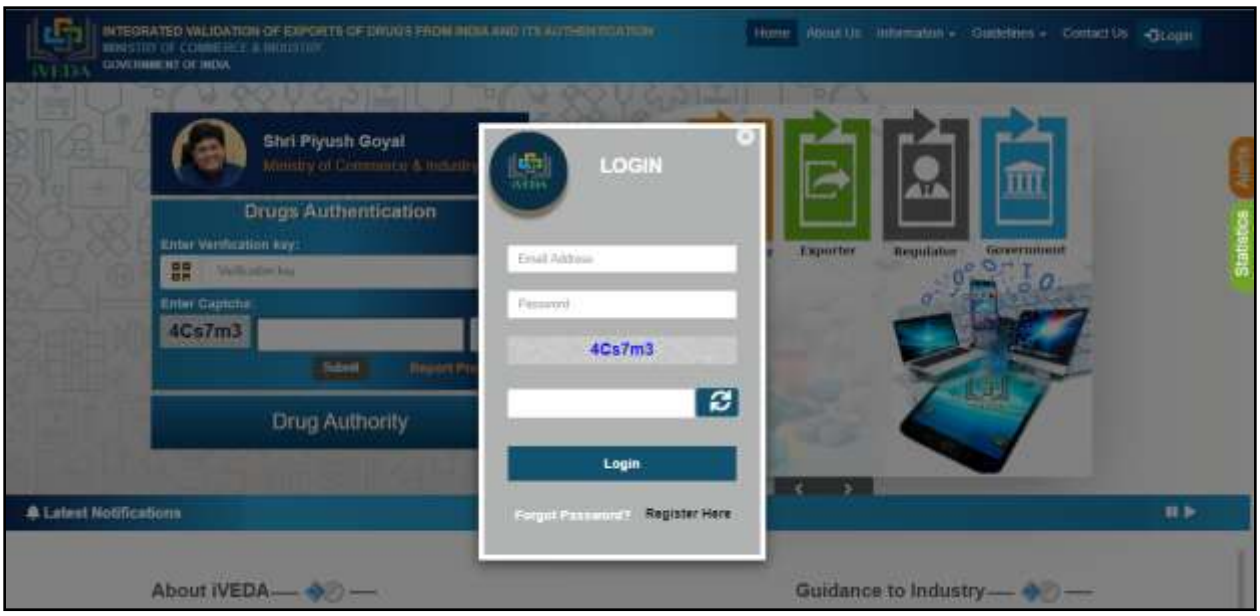

Figure 10: User Login

5.1 Forgot Password

- If user forget his/her password than click on forget passwordas shown in **figure 11.**

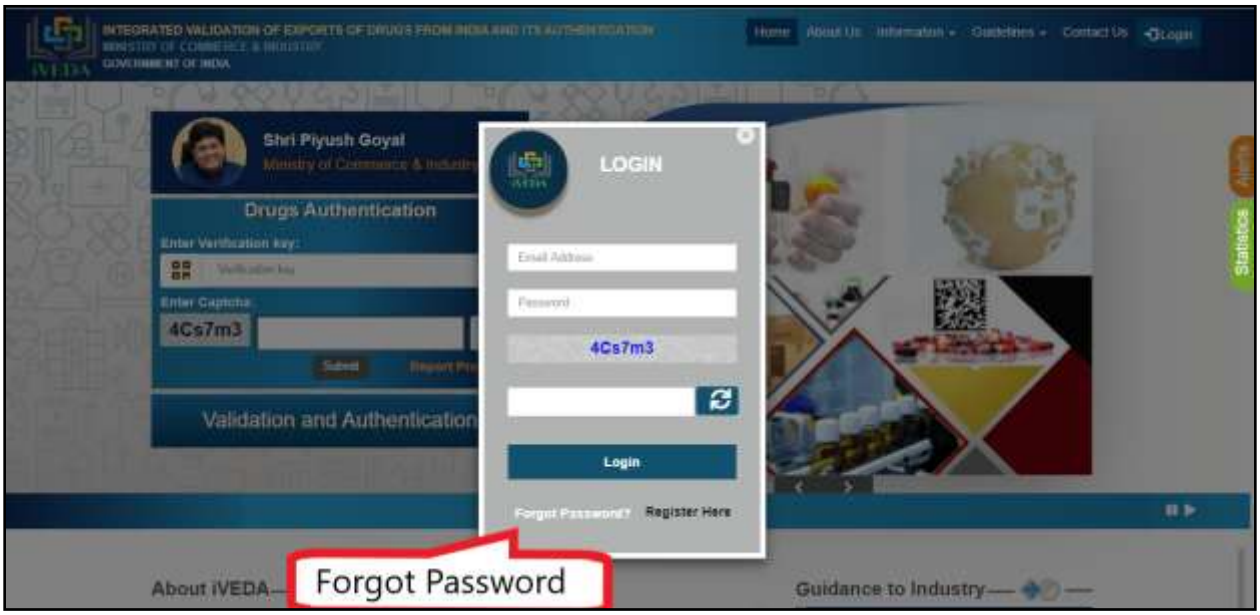

Figure 11: Forgot Password

- A pop-up will appear. Enter your valid Email ID and click on **submit button**as shown in **Figure 12.**

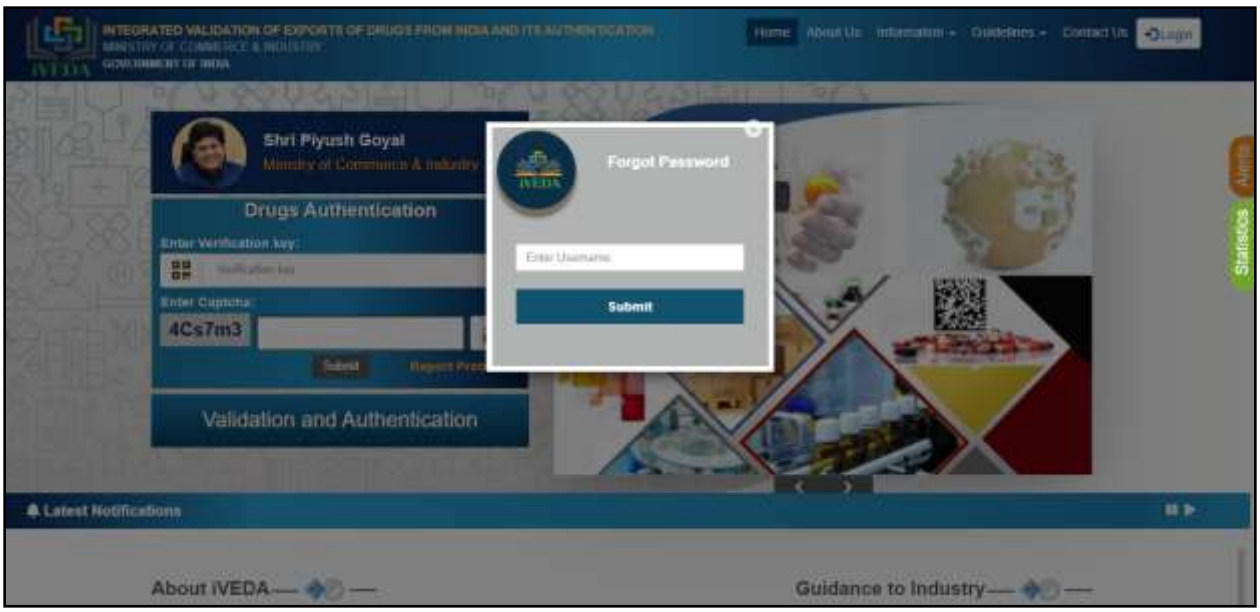

Figure 12: Forgot Password Pop-Up

- After clicking on submit button, password resetting link will be sent toyour registered Email ID. Click on that link and you will be able toreset your password.

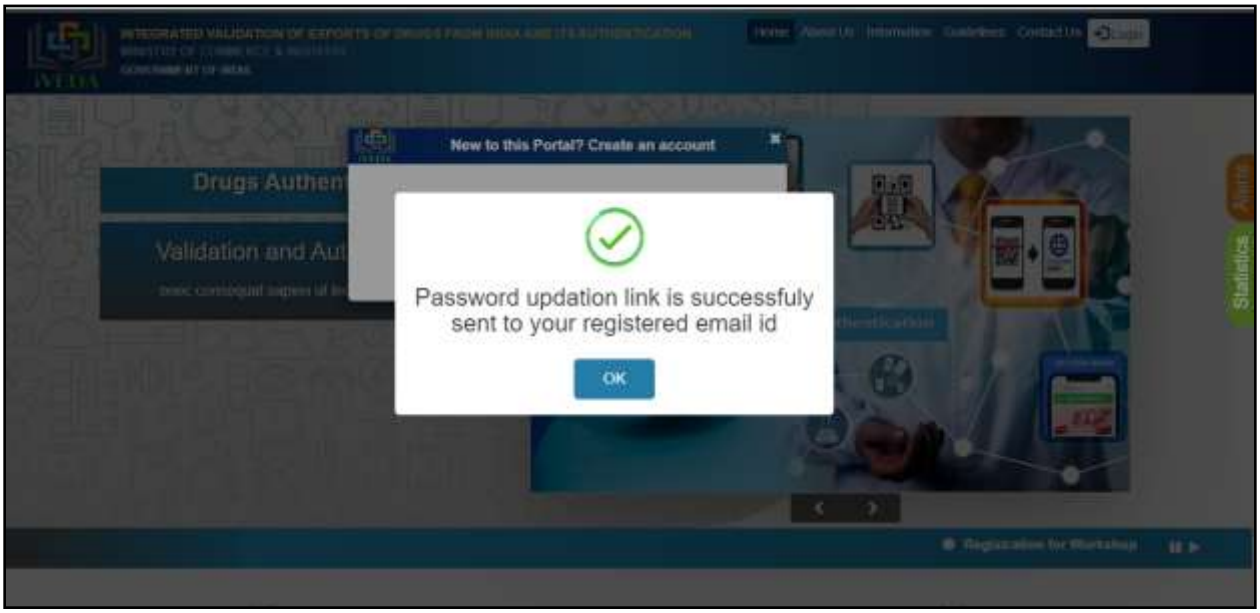

Figure 13: Password Reset

5.2 Update Password

- After login, if user wants to update his/her password then click on Change password link as shown in **figure 14.**

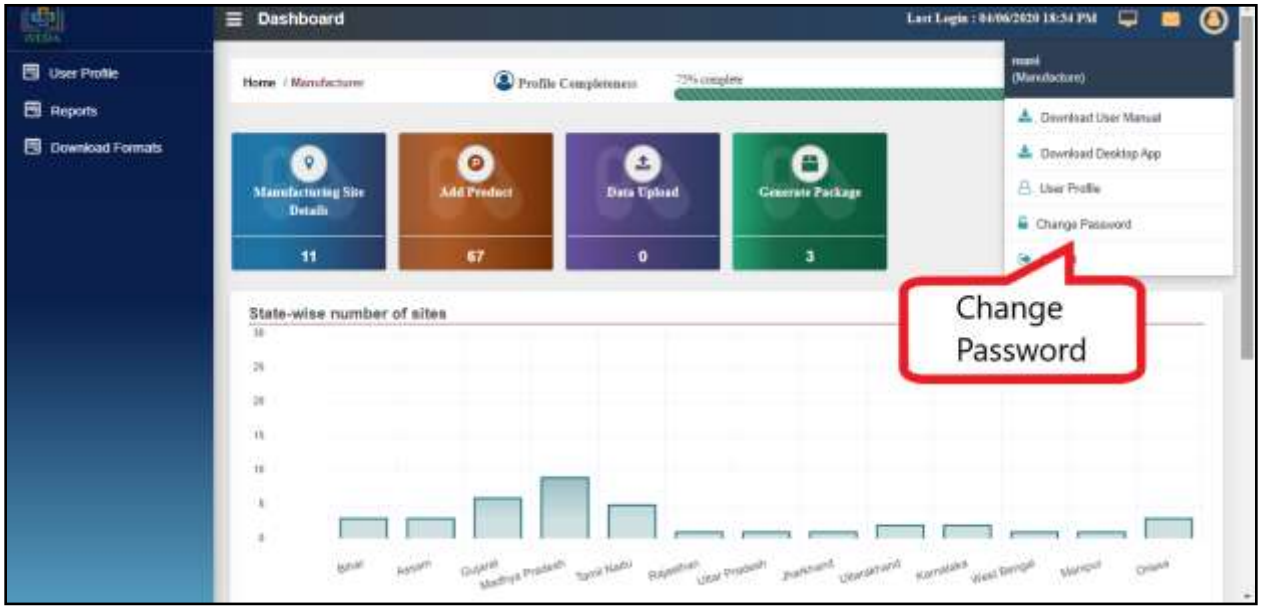

Figure 14: Change Password for Manufacturer

- After clicking on Change Password, a screen will open as shown in **figure 15.**

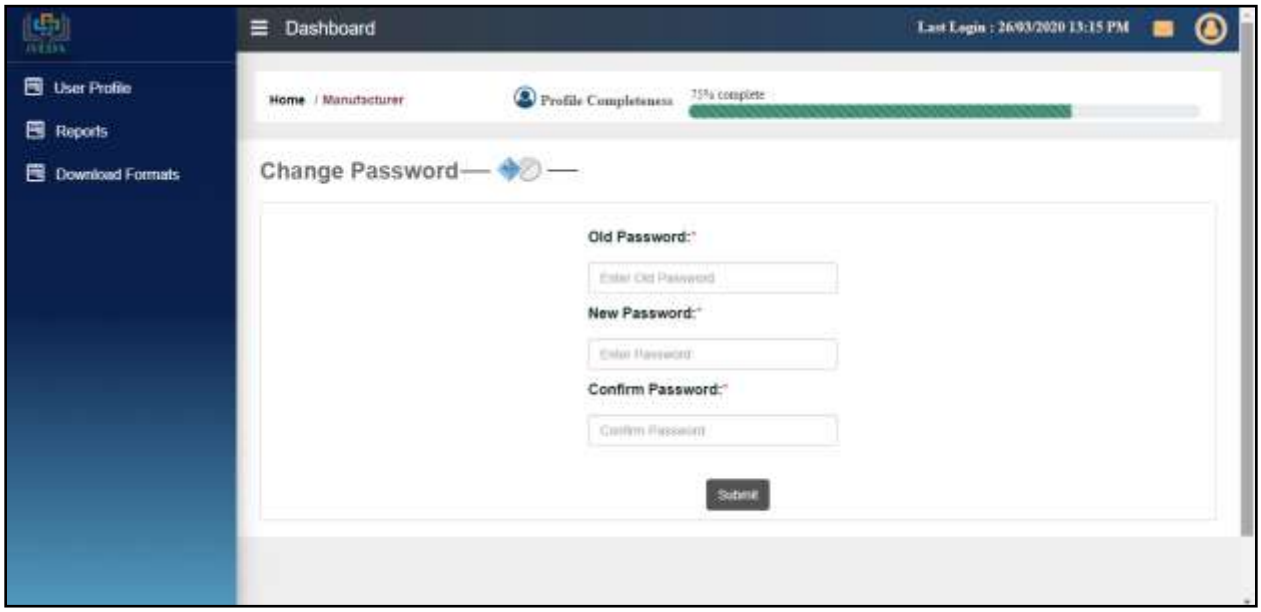

Figure 15: Change Password

- Fill in the details required and click on the **Submit** button. Your password will get updated and now you can use your new password for Login.

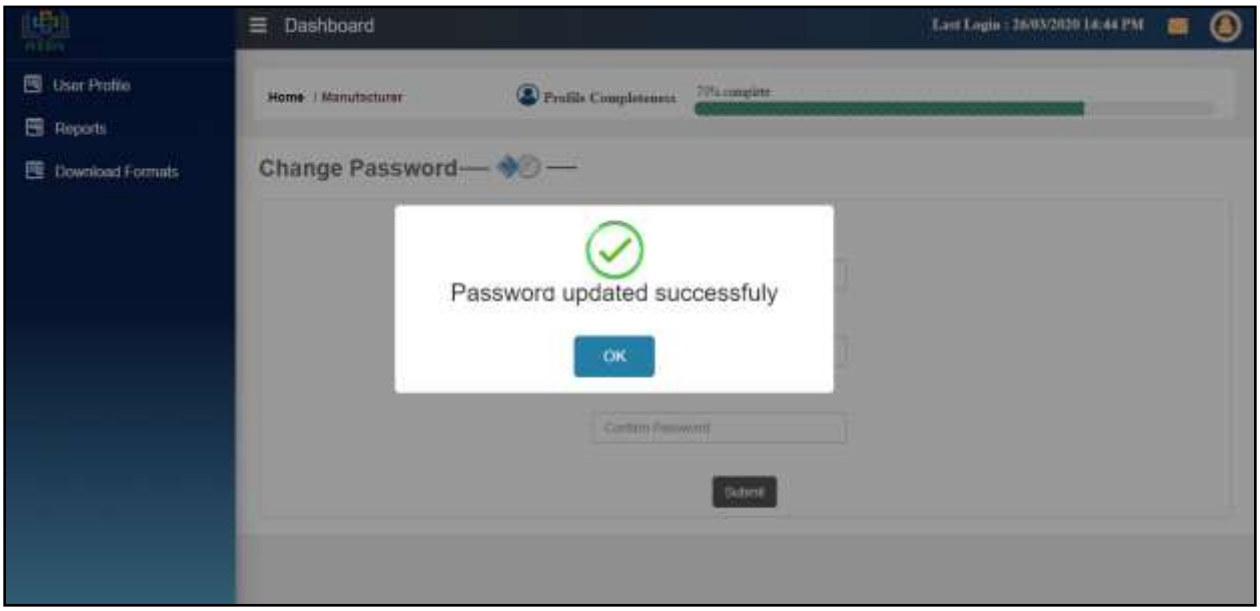

Figure 16: Password Update Successful

6. Dashboard of Manufacturer

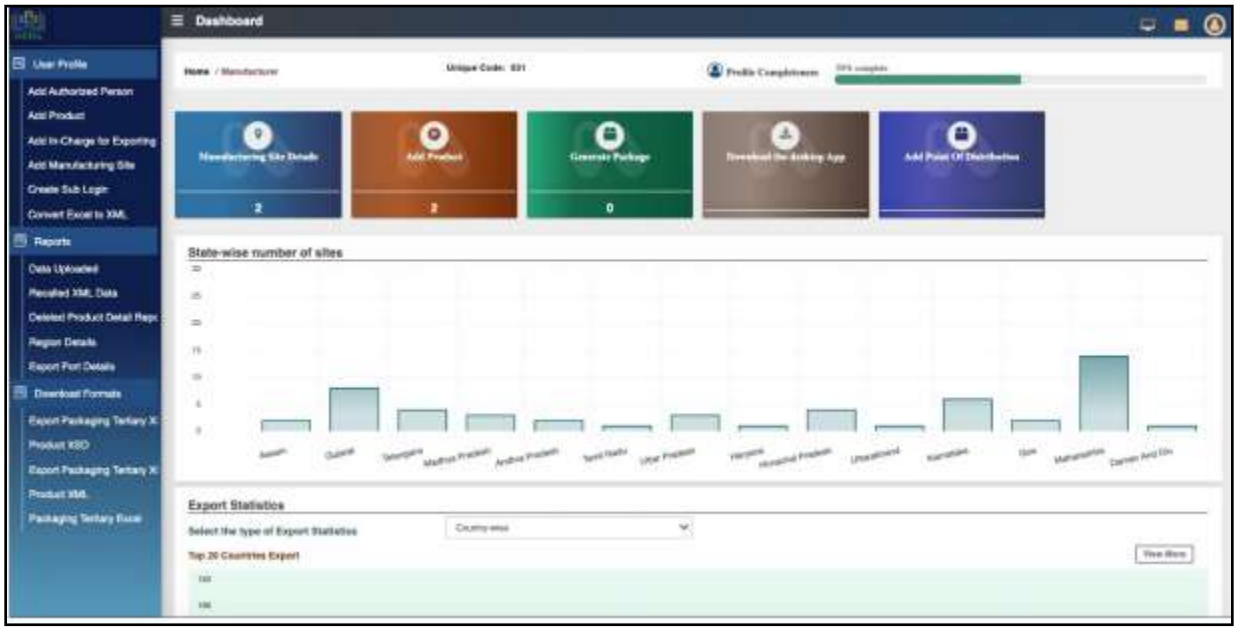

Figure 17: Manufacturer Dashboard

- Complete the **User Profile** present at the left hand side corner by adding the manufacturing site, member details, product details, Point of distribution etc.

6.1 Manufacturing Site Details

- Fill the Required Details in **Manufacturing Site Details Page** as shown in the **figure 18, 19 and 20.**

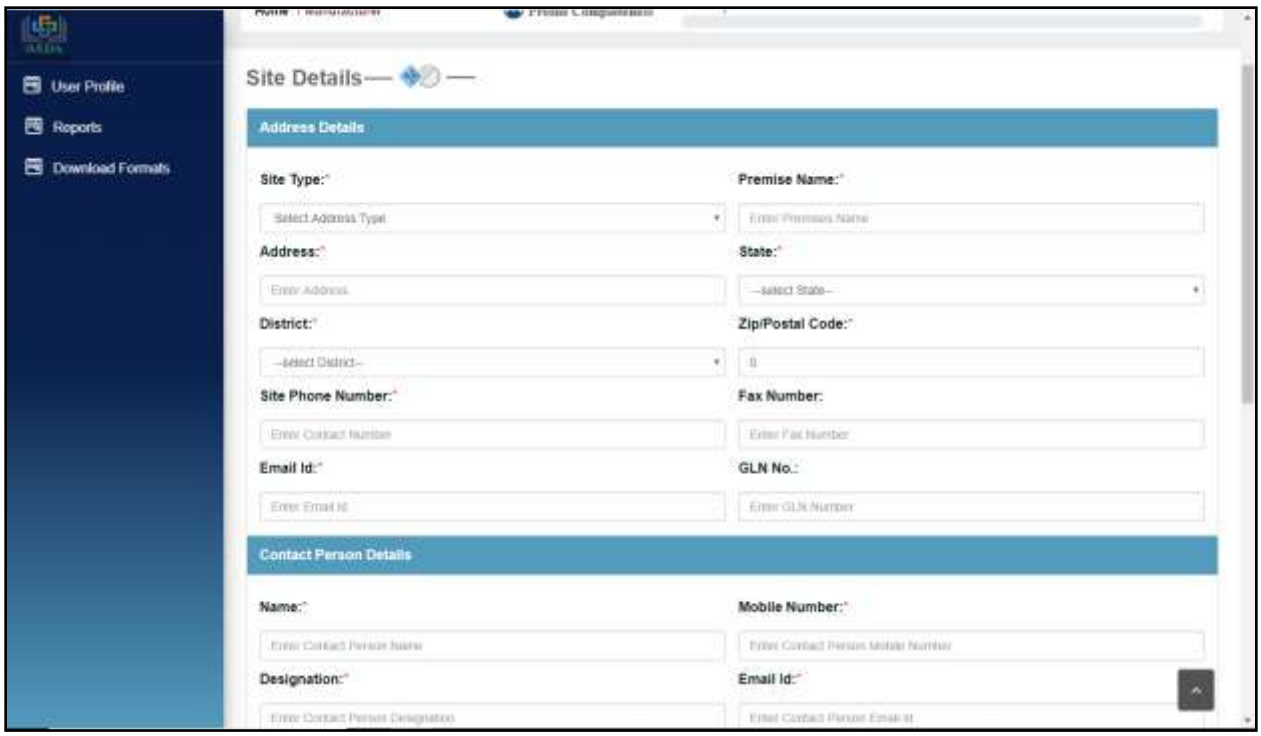

Figure 18: Manufacturing Site Details

- If the user wants to add Approval details then click on the checkbox **"Does Global Regulatory Approval Details applicable"** as shown in **figure 19.**

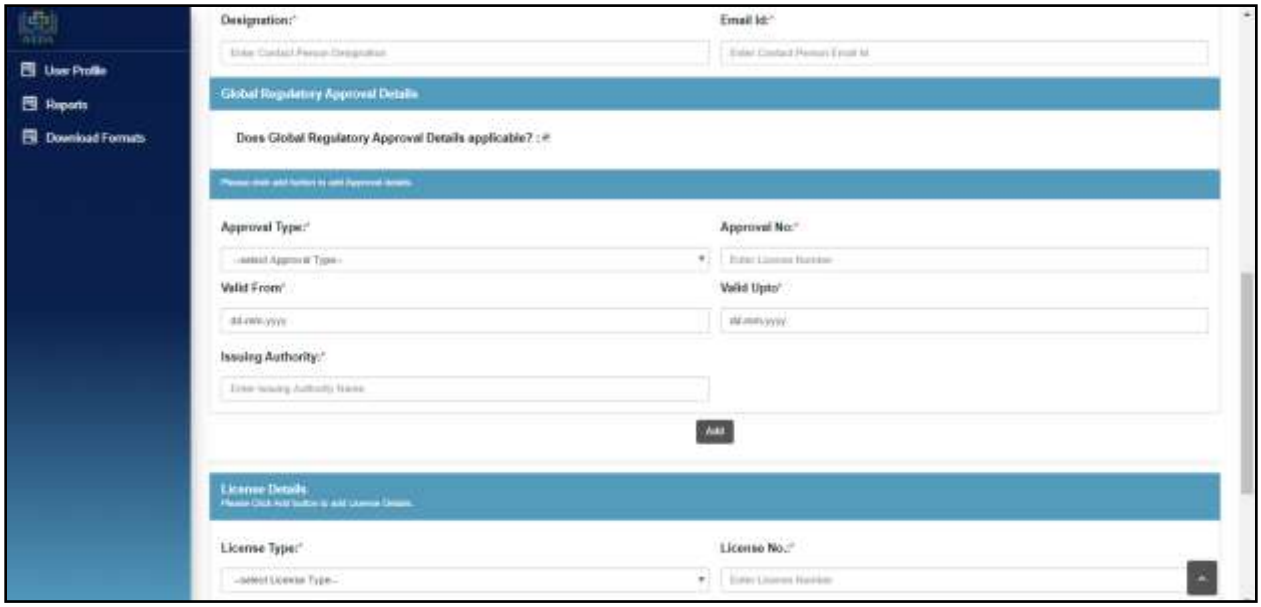

Figure 19: Global Regulatory Approval Details (Manufacturing Site)

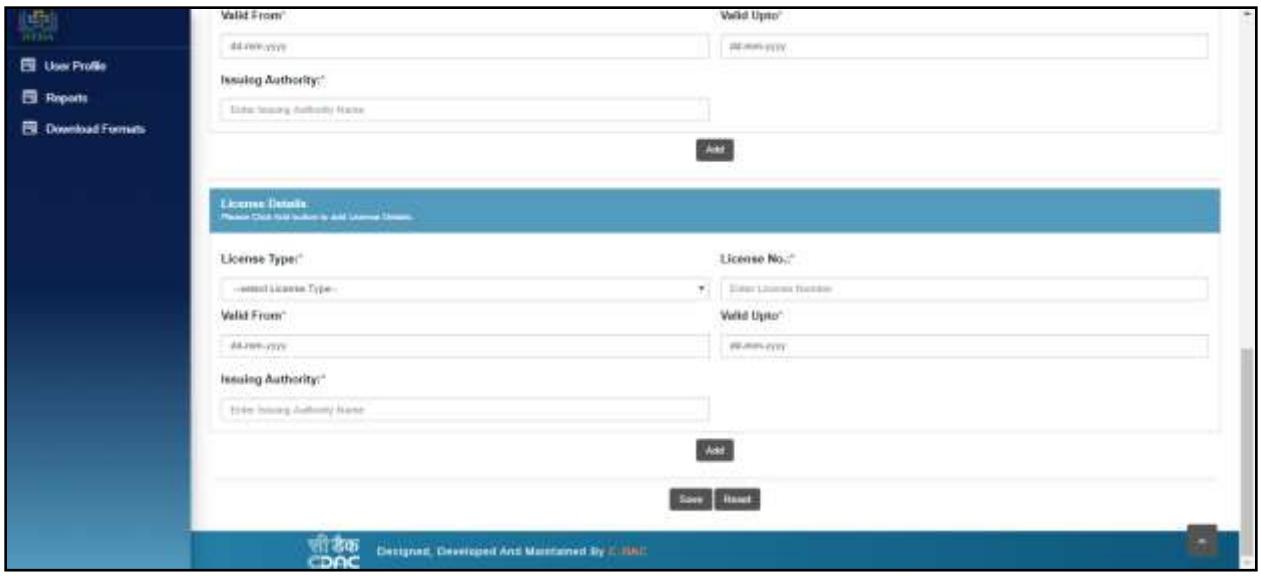

Figure 20: License Details (Manufacturing Site)

- Add manufacturing sites from this page, if you have approval details then add it otherwise it is not mandatory.
- You can add multiple License Details by filling the details under the License Details Section and then click on '**Add**' button.
- Click on "**Save"** button to save the Manufacturing site details. You can see all the details of manufacturing sites on the dashboard tile *(**Manufacturing Site Details**).

6.2 Member Details

- Fill the Required Details in **Member Details Page**as shown in the **figure 21.**

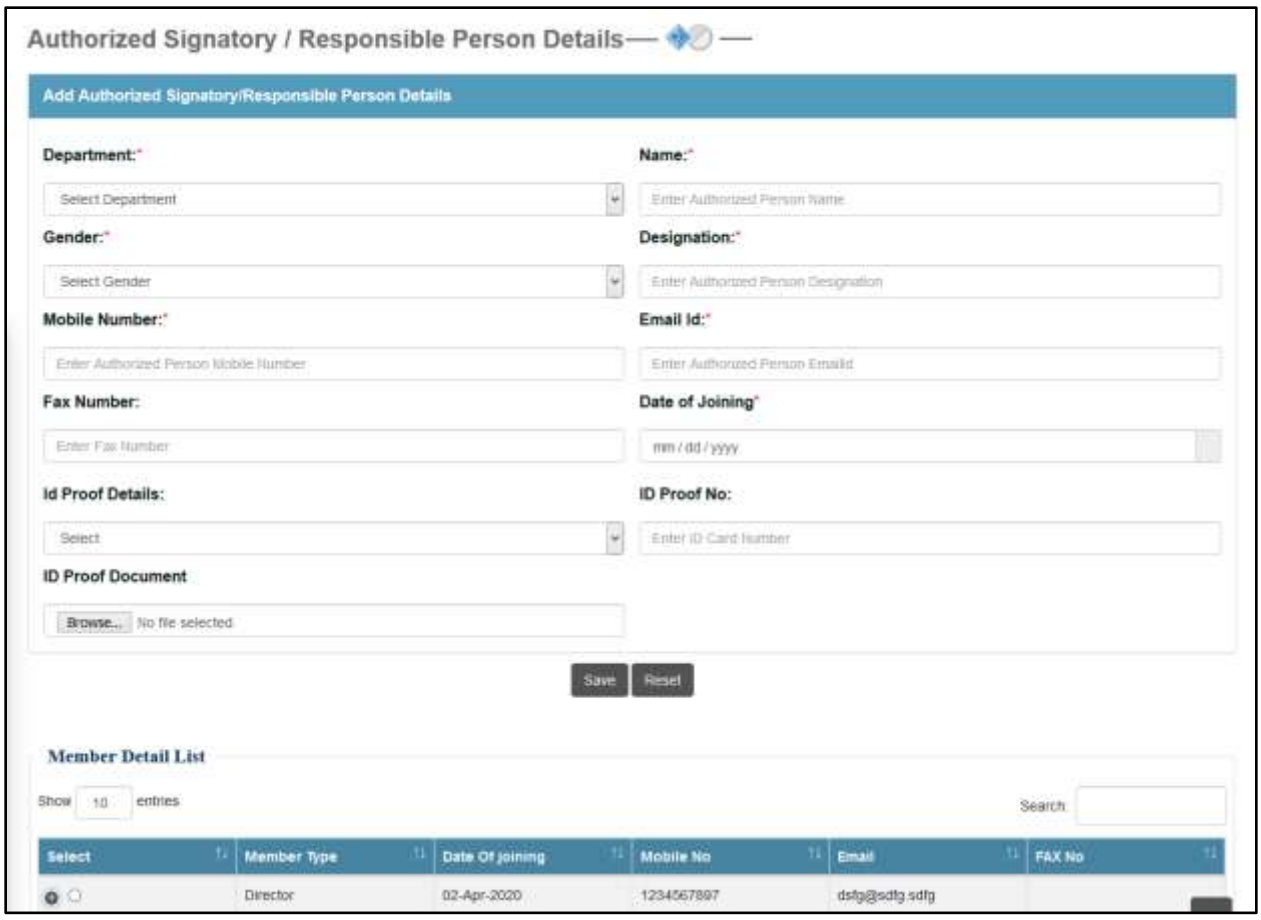

Figure 21: Member Details

- Add your members from this page like CMO, Directors, etc to complete your **User Profile**.
- After clicking on **"Save"**button all the member details will be saved.

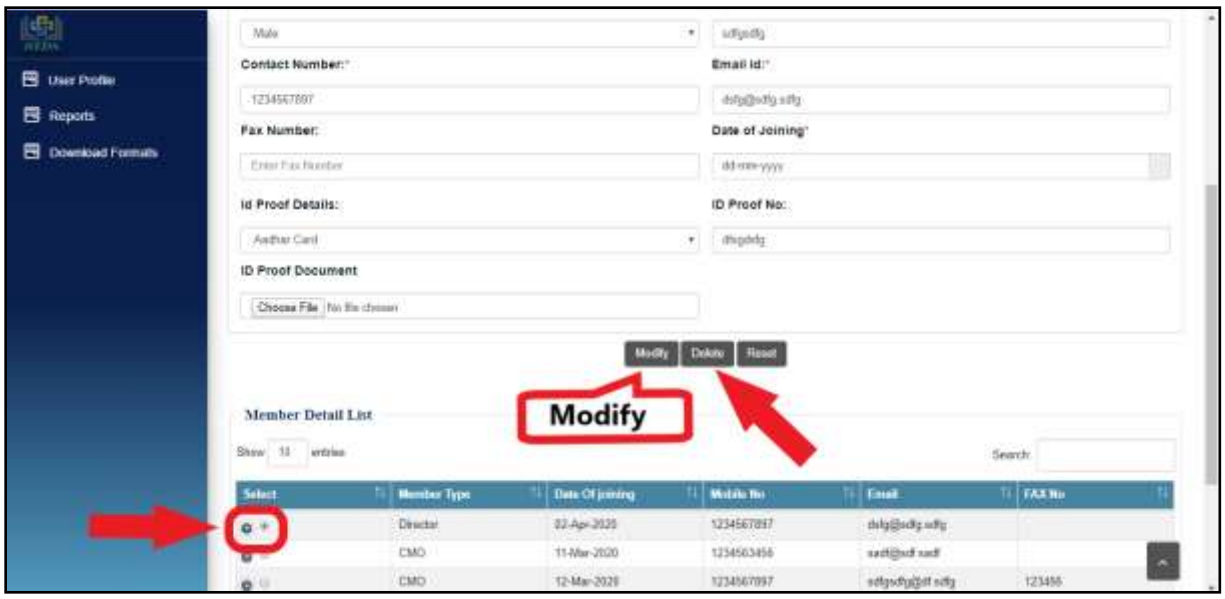

Figure 22: Action for Member Details

- User can also modify or delete the member details by clicking on the radio button from the Member Detail List.
- No one will be able to see themember details which you deleted (member details will also be deleted from the database).

6.3 Product Details

- Fill the Required Details in **Product Details Page** as shown in the **figure 23 and 24.**

- Fill the required details for the **Bulk Drug** as given in the **Drug Type** (if you change the Drug Type to Finished Formulation the form will be changed).

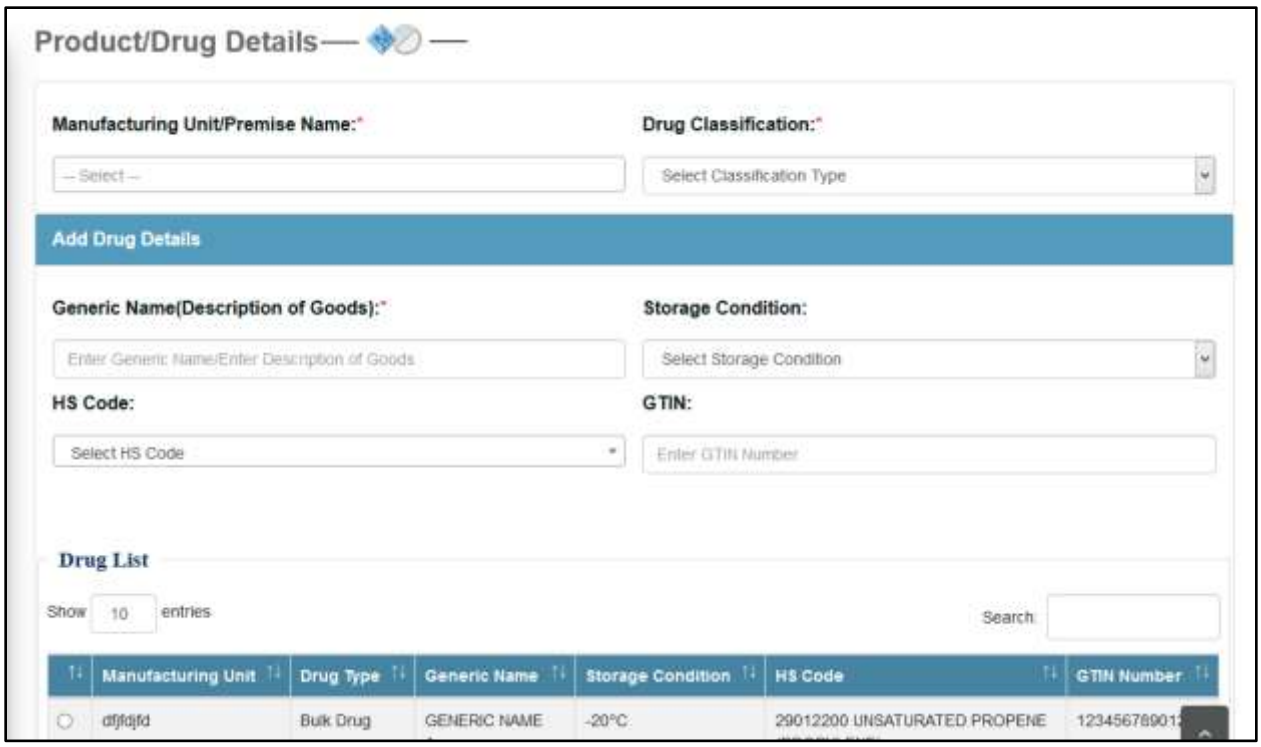

Figure 23: Bulk Order (Drug Details)

- The Drug details are saved in the form of list as shown in the **figure 23 and 24.**

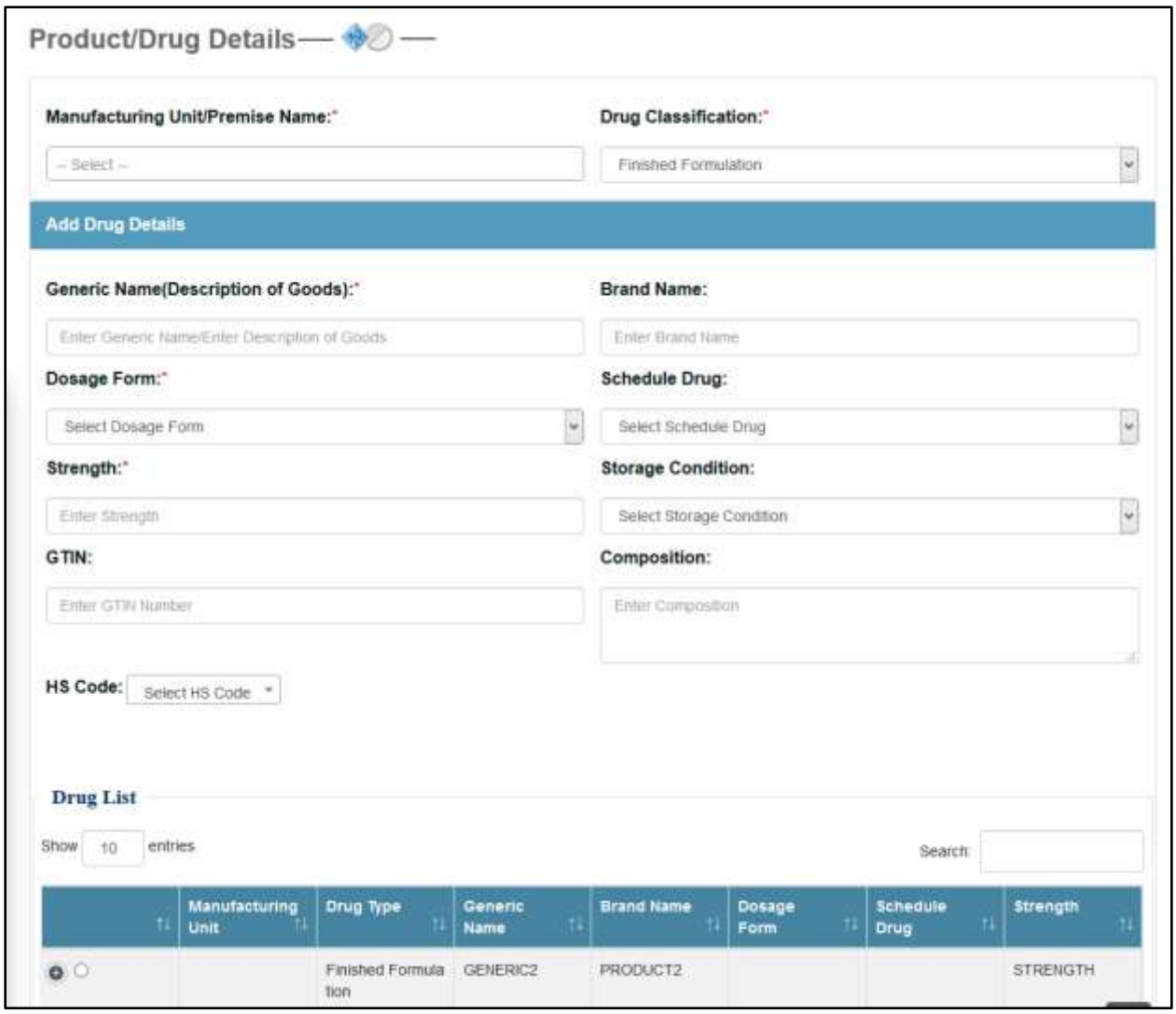

Figure 24: Finished Formulation (Drug Details)

- Fill the required details for the **Finished Formulation** option as given in the **Drug Type** (if you change the Drug Type to Bulk Drug the form will be changed).

- Add all the products you are going to manufacture or export from this page on the basis of manufacturing site which you add earlier (multiple manufacturing sites can be added) and click on **"Save"** button. Your product will be added.

- User can also modify or delete the details of added product by clicking on the radio button which is in Drug List then it will show the Drug details.

- No one will be able to see that product which you deleted (product will also wipe-out from the database).

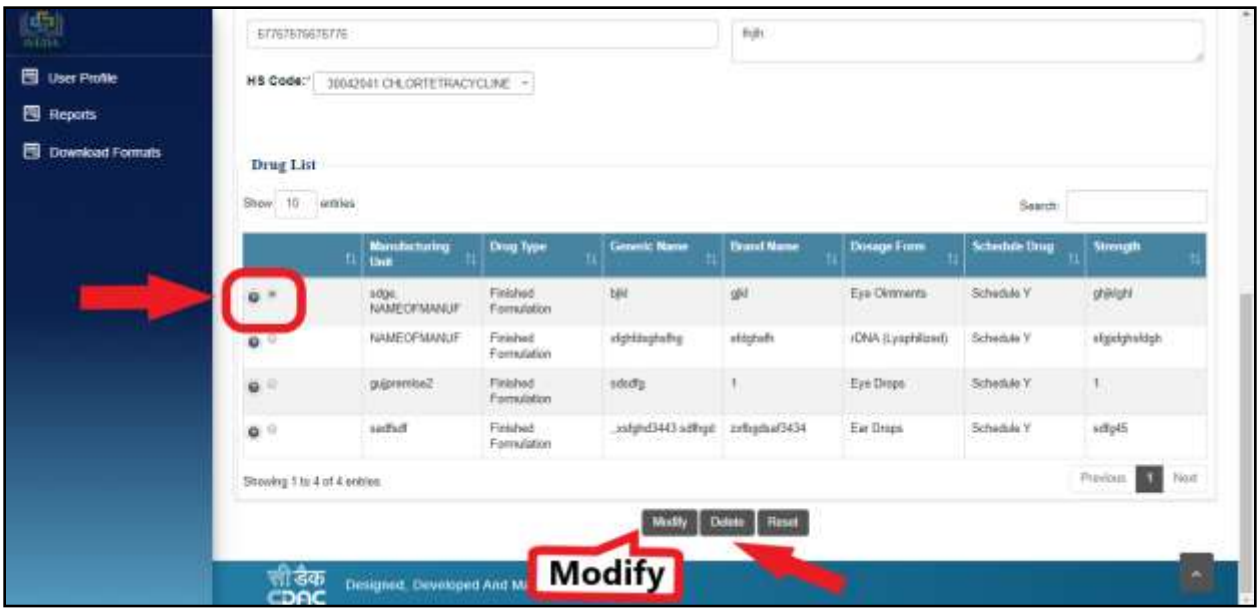

Figure 25: Drug List

- After clicking modify, **pop-up** of confirmation will show on screen. Click on '**OK**' to move forward and update the drug details or click on **'Cancel**' button if you are not sure**.**

6.4 Add In-charge for Exporting Region

- Add Member In-Charge for that Exporting Region, according to the exporting region exporting country will be populated then add In-Charge Details for that Exporting Region fill the mandatory details and click on "Save" button then exporting region In-Charge will be saved.
- One can see the saved details below in the data-table.

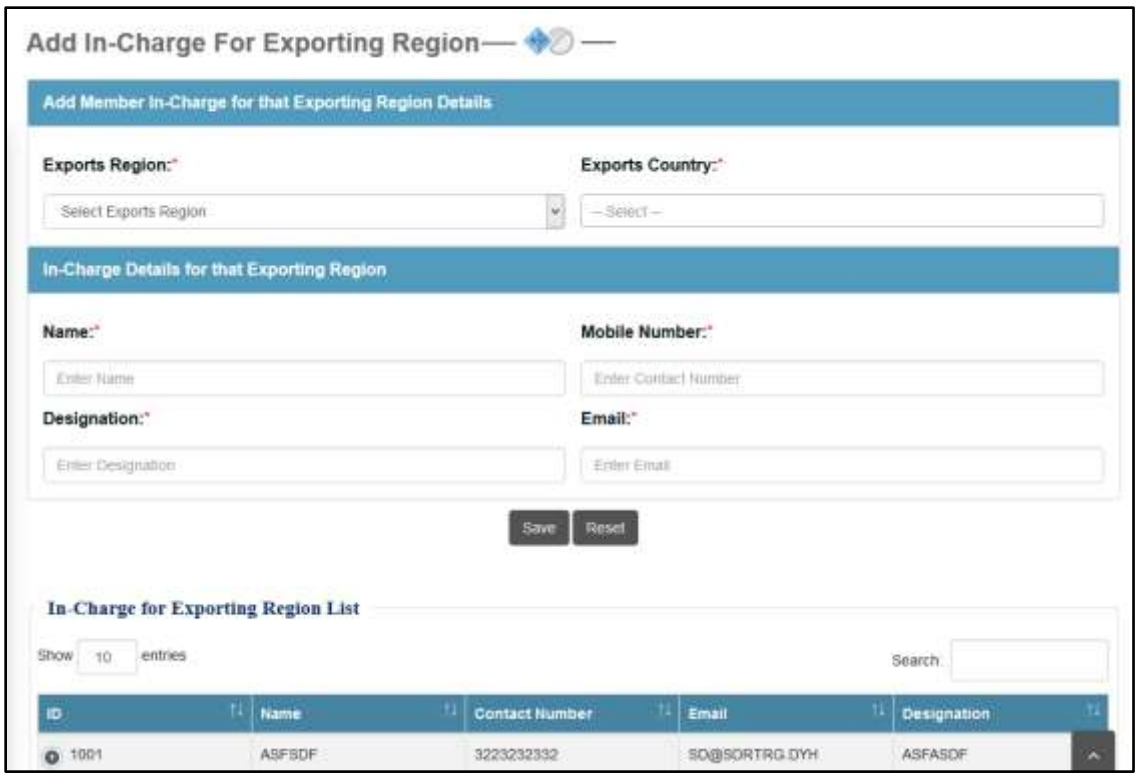

Figure 26: Add In-charge of Exporting Region

6.5Points of Distribution

- Add points of distribution from this page. On the basis of exports region one can add multiple exports countries and add details of Member In-charge for that Exporting Region.

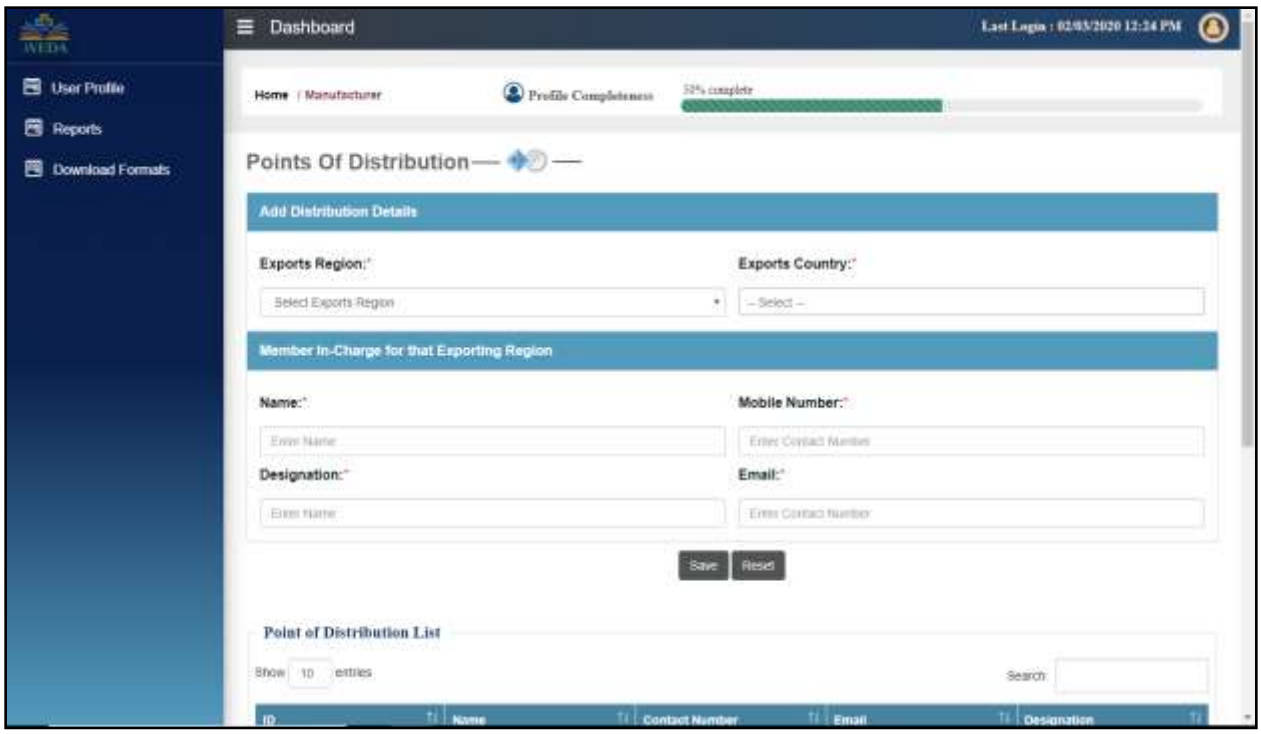

Figure 27: Points of Distribution

6.6Manufacturing Site User Details(Create Sub-logins for Manufacturing Site)

- Add Sub-Logins for the particular Manufacturing Sites and fill all the details. You will receive a link on your Email ID then verify your link and finally you can login with your user-name and password.

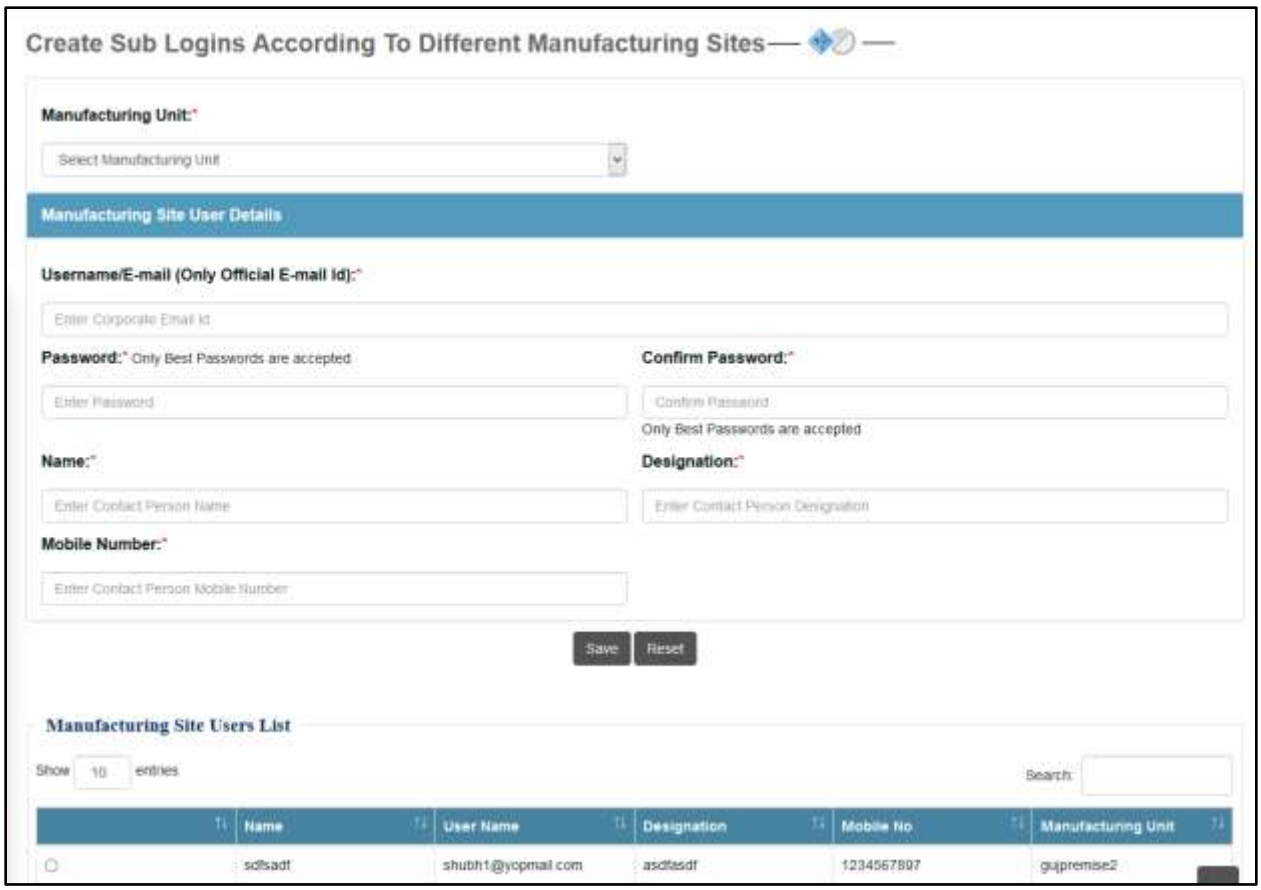

Figure 28: Manufacturing Site User Details

- After completing the user profile, user can proceed further to the Dashboard for the other details.

6.7Convert Excel to XML

- When clicking on Convert Excel to XML tab on the dashboard of Manufacturer this page **(Fig-29)** will open.
- User can convert Tertiary Packing Excel (Spreadsheet) to XML file or Product Detail Excel (Spreadsheet) to XML file by selecting the Excel file type and browse the XML file which he/she wanted to convert and after clicking on **"Click to convert"** button XML file will be converted.
- User can also download the converted XML file.

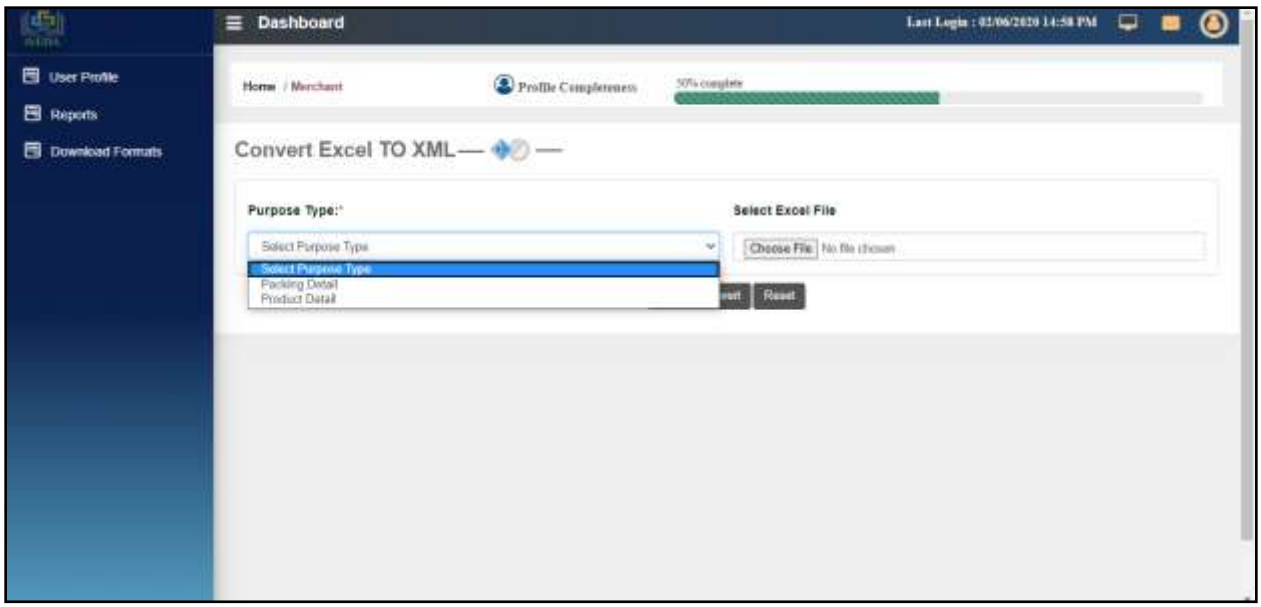

Figure 29: Convert Excel to XML for Manufacturer

6.8Manufacturing Site Data Details

- User can see all the details of Manufacturing Sites which they added from the page – 'Add Manufacturing Sites'as shown in **figure 30.**

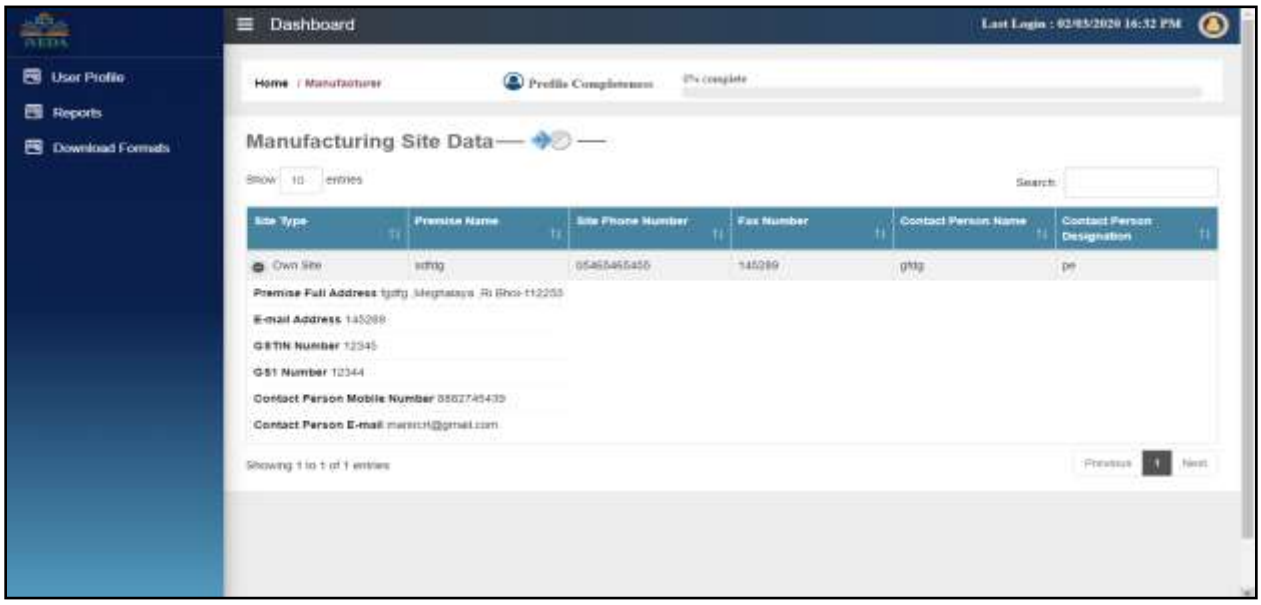

Figure 30: Manufacturing Site Data

6.9Generate Packing Code

- When clicking on Generate Package tab on the dashboard of Manufacturer this page will open as shown in **figure 32**.

- Now from this page you can generate the request for generating the tertiary/secondary code of IVEDA and whatever count you enter (between 1-999 at one time) that count of numbers of tertiary and secondary levels will be generated for that particular request.

- One can download the requested IVEDA number from the action tab. After clicking on action tab there is a download button from which user can download the excel sheet.

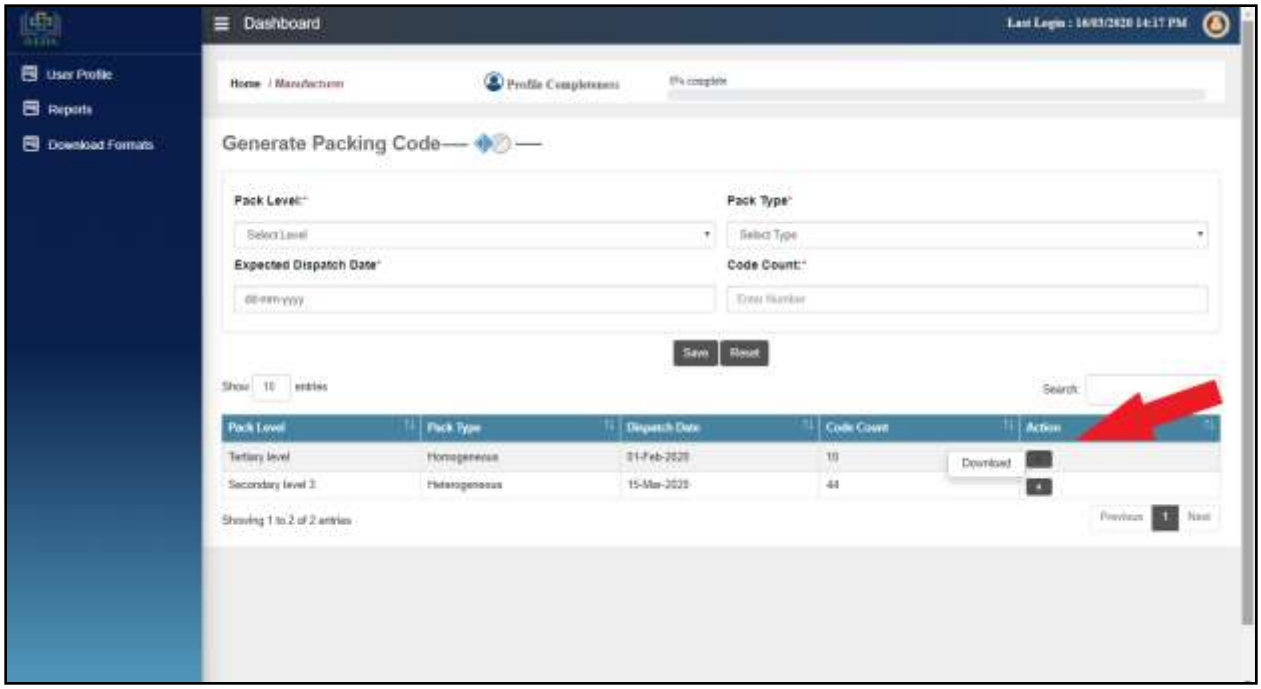

Figure 31: Generating Packaging Code

7. Dashboard of Exporter

- Complete the User details in the User profile section at the left hand side corner by adding the Shipment details, Procurement details.

Figure 32: Exporter Dashboard

7.1 Shipment Details

- Fill the Required Details in **Shipment Details Page**as shown in the **figure 34.**

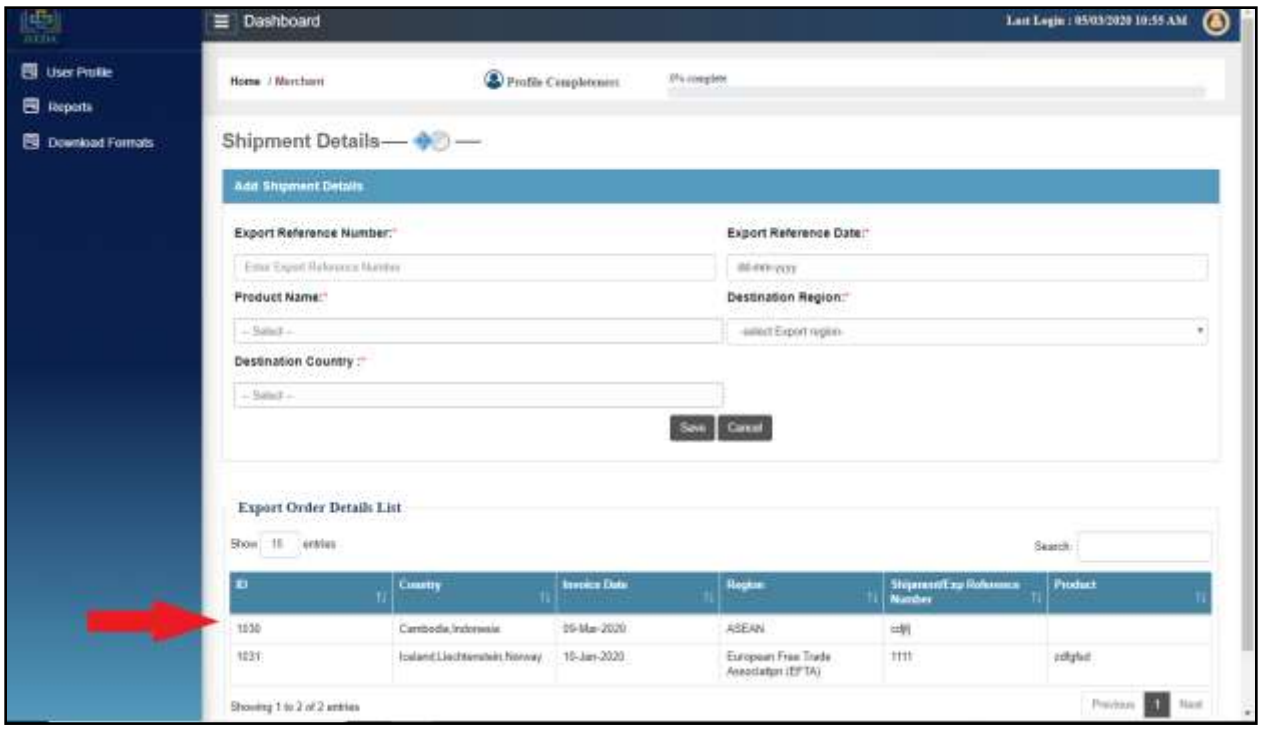

Figure 33: Shipment Details

- Add Shipment Details from this page and user can add multiple products for their shipment and also multiple destination country on the basis of their destination region.

- After clicking on **"Save"** button user can see their shipment order in the Export Order Details List as shown in **figure 34**.

7.2 Procurement Details

- Add Procurement Details from this page and user can add procurement details on the basis of export order (Shipment Details).

- After clicking on **"Save"** button user can see their Procurement order in the Procurement List.

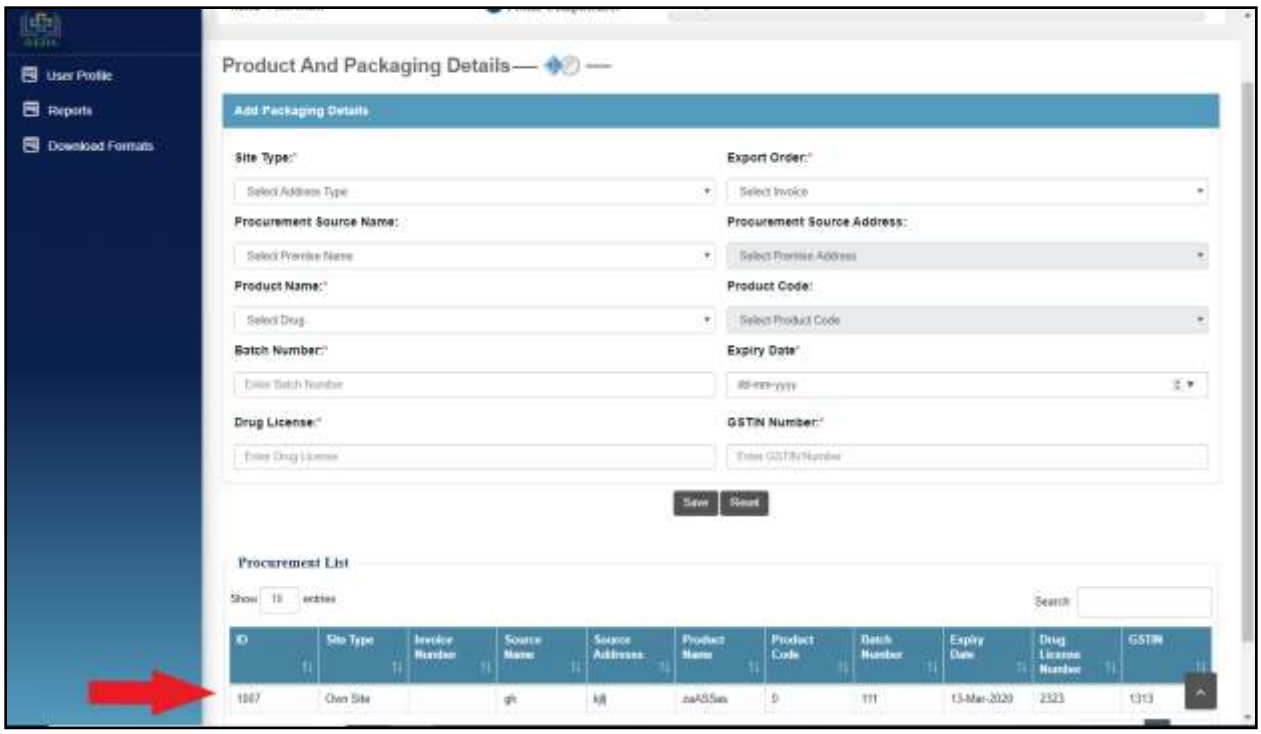

Figure 34: Product and Packaging Details

7.3 Points of Distribution

- Add points of distribution from this page on the basis of exports region and one can add multiple exports countries and add the details of Member In-charge for that Exporting Region.

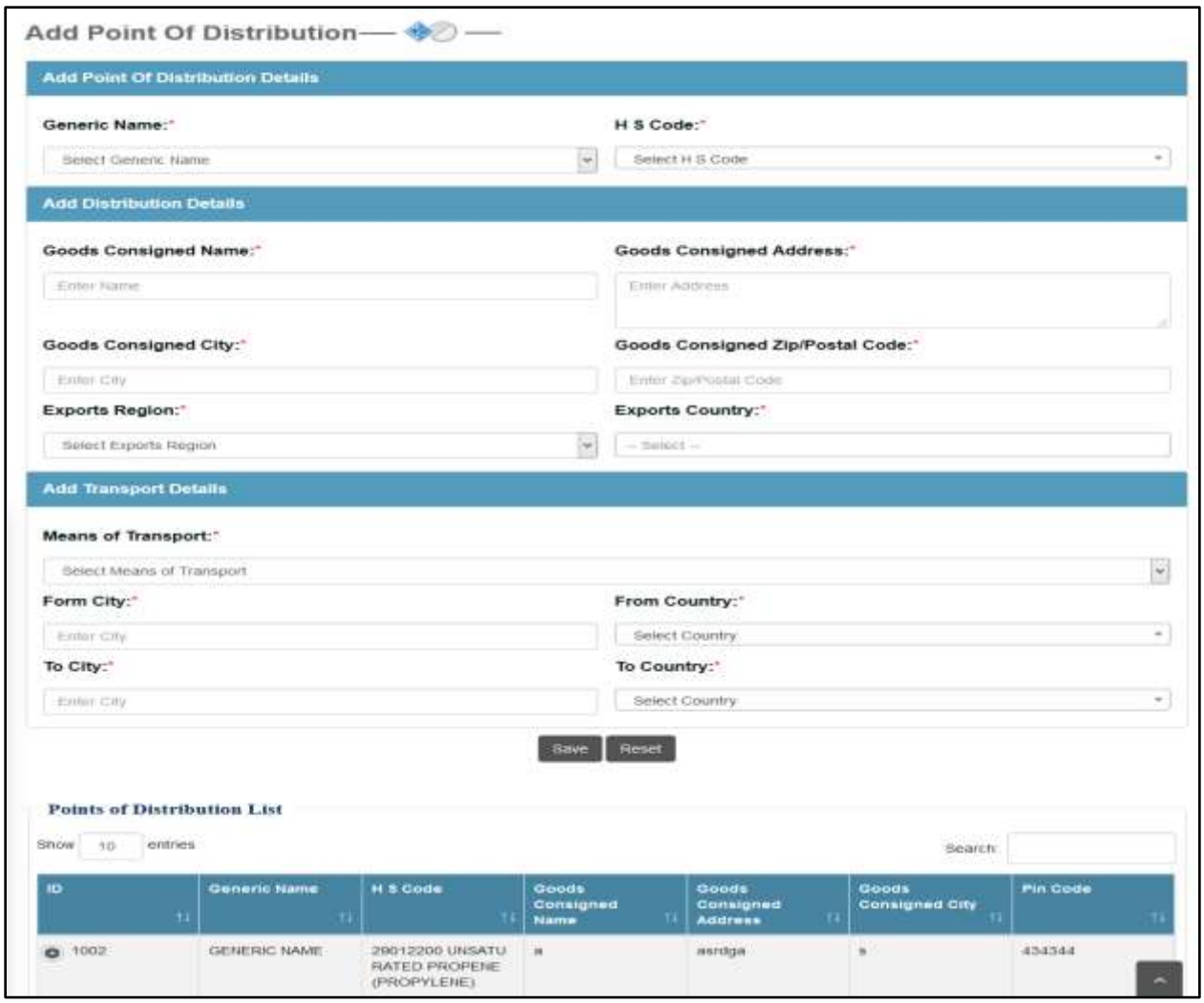

Figure 35: Points of Distribution

7.4 Add Wholesale Site

- When clicking on Add Wholesale Site tab on the dashboard of Merchant Exporter this page will open as shown in **figure 37, 38 and 39**.

- Fill the Required Details in **Wholesale Site Details Page**as shown in the **figure 37, 38 and 39.**

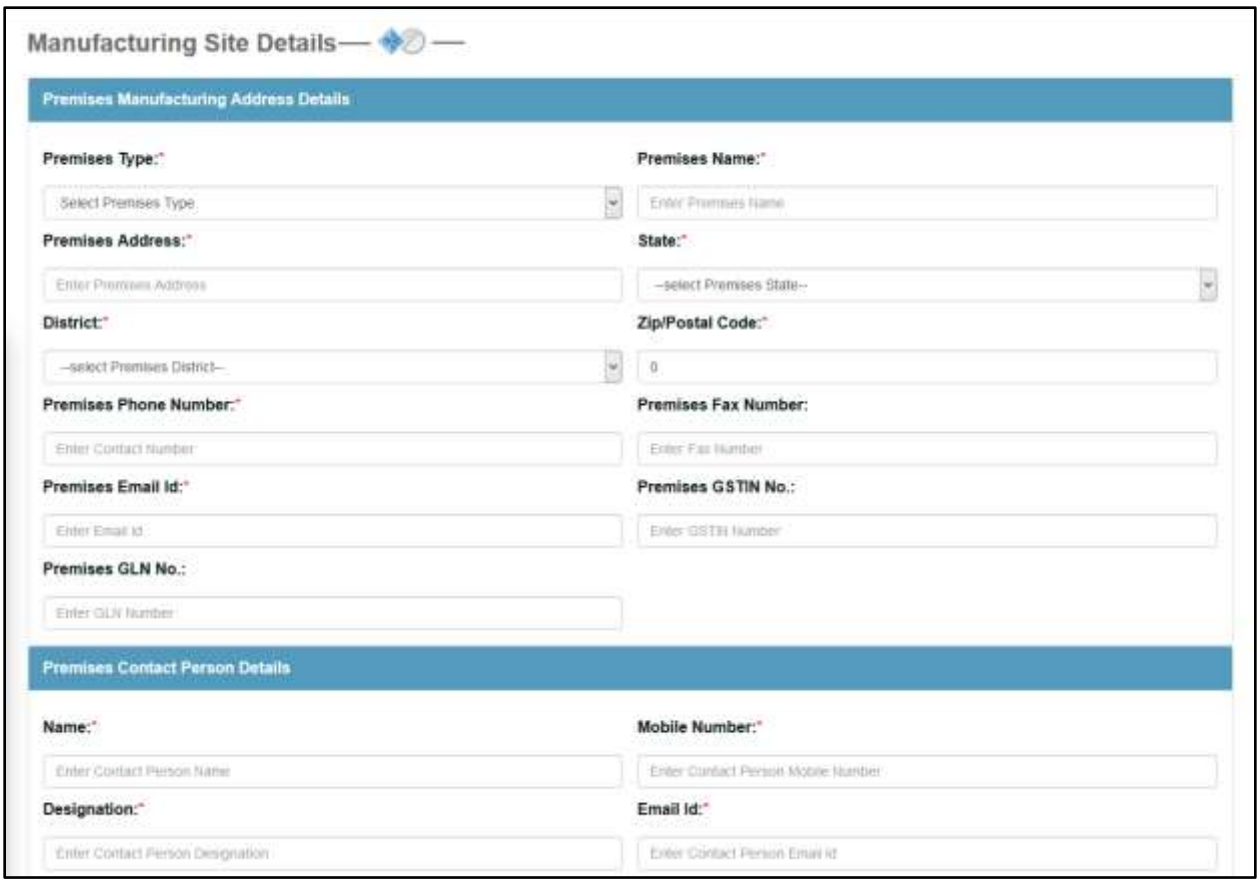

Figure 36: Wholesale Site Details-1

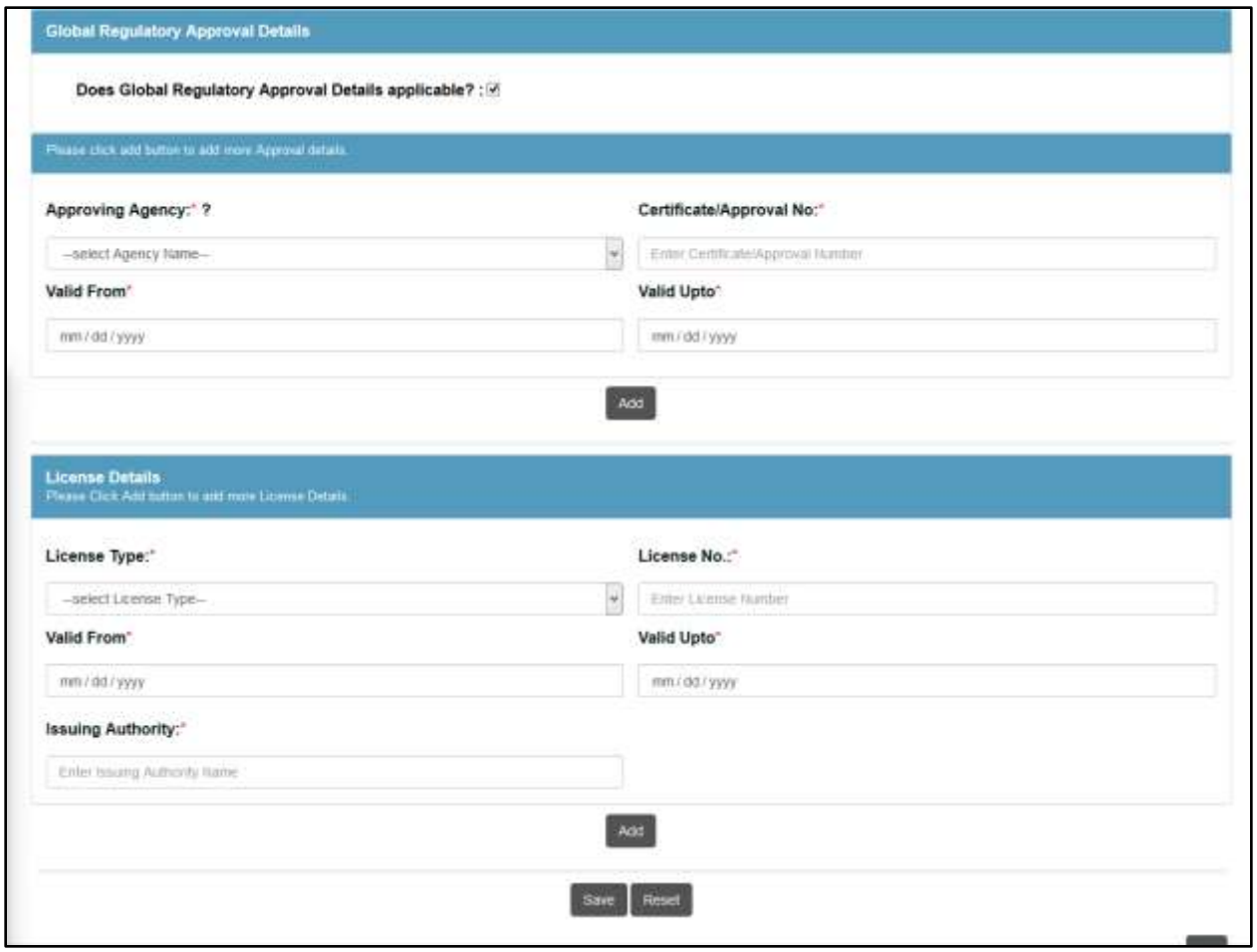

Figure 37: Wholesale Site Detail-2

- If you have approval details then click on the checkbox and you can see the approval details add it otherwise it is not mandatory then add License Details (one can add multiple approval details as well as License Details by simply fill the details and click on add button).

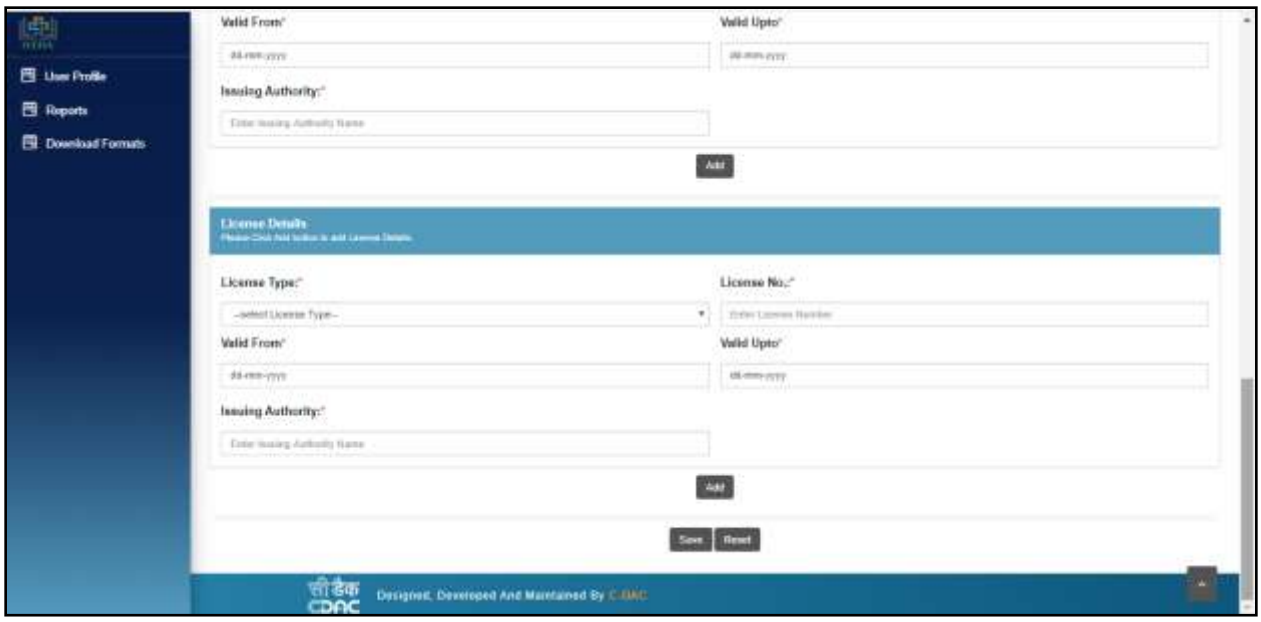

Figure 38: Wholesale Site Detail-3

- Click on **"Save"** button and thenuser can see all the details of wholesale sites on the dashboard tile *(**WholesaleSite Details**).

7.5Drug Details

- When clicking on Add Product tab on the dashboard of Merchant Exporter this page will open as shown in **figure 41 and 42**.

- Fill the required details for the **Bulk Drug** page as given in the **Drug Type** (if you change the Drug Type to Finished Formulation the form will be changed).

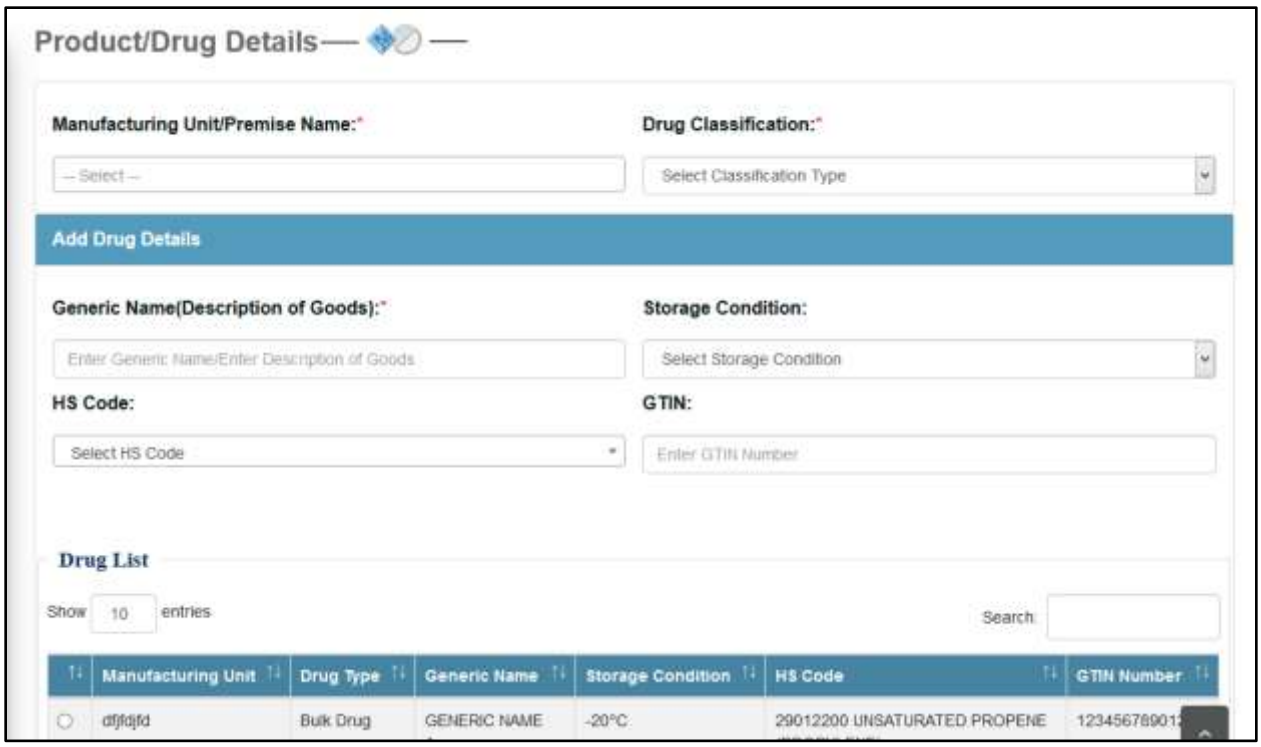

Figure 39: Bulk Order (Drug Details- Wholesale Site Detail)

- The Drug details are saved in the form of list as shown in the **figure 41.**
- Fill the required details for the **Finished Formulation** page as given in the **Drug Type** (if you change the Drug Type to Bulk Drug the form will be changed).

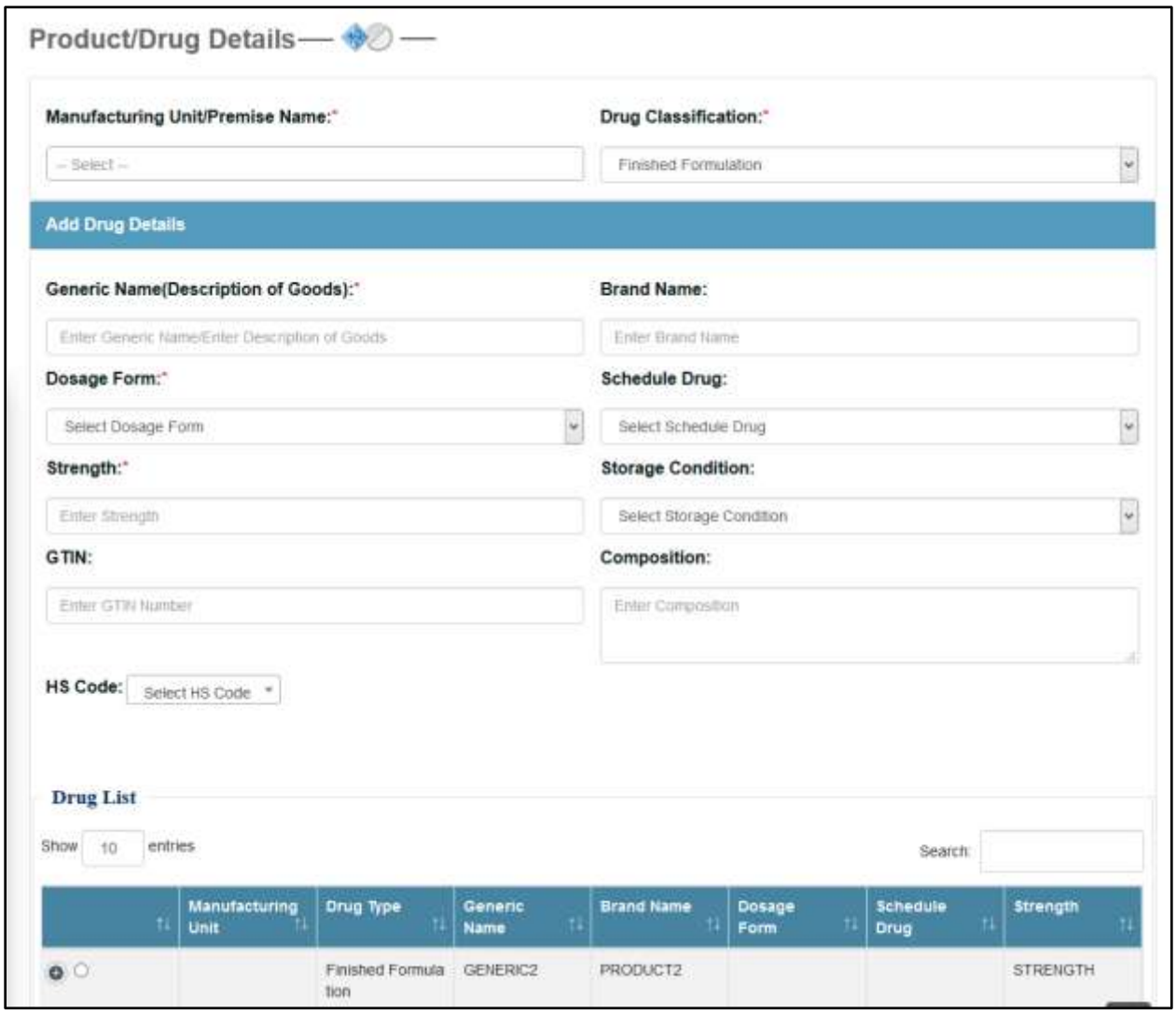

Figure 40: Finished Formulation (Drug Details- Wholesale Site Detail)

- Add all the products you are going to manufacture or export from this page on the basis of manufacturing site which you add earlier (multiple manufacturing sites can be added) and click on **"Save"** button then your product will be added.

- User can also modify the details of added product by clicking on the radio button which is in Drug List then it will show the Drug details and user can also delete the product as shown in **figure 43**.

- No one will be able to see that product which you deleted (product will also wipe-out from the database).

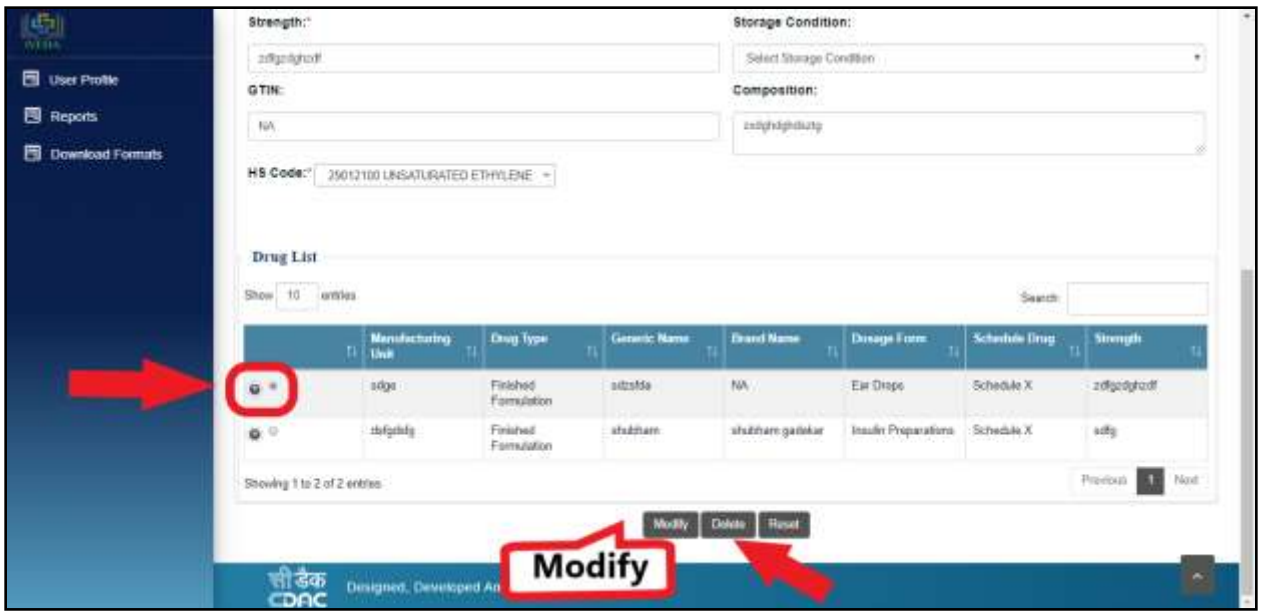

Figure 41: Drug List (Wholesale Site Detail)

7.7 Add In-charge for Exporting Region

- Add Member In-Charge for that Exporting Region, according to the exporting region exporting country will be populated then add In-Charge Details for that Exporting Region fill the mandatory details and click on “Save” button then exporting region In-Charge will be saved.
- One can see the saved details below in the data-table.

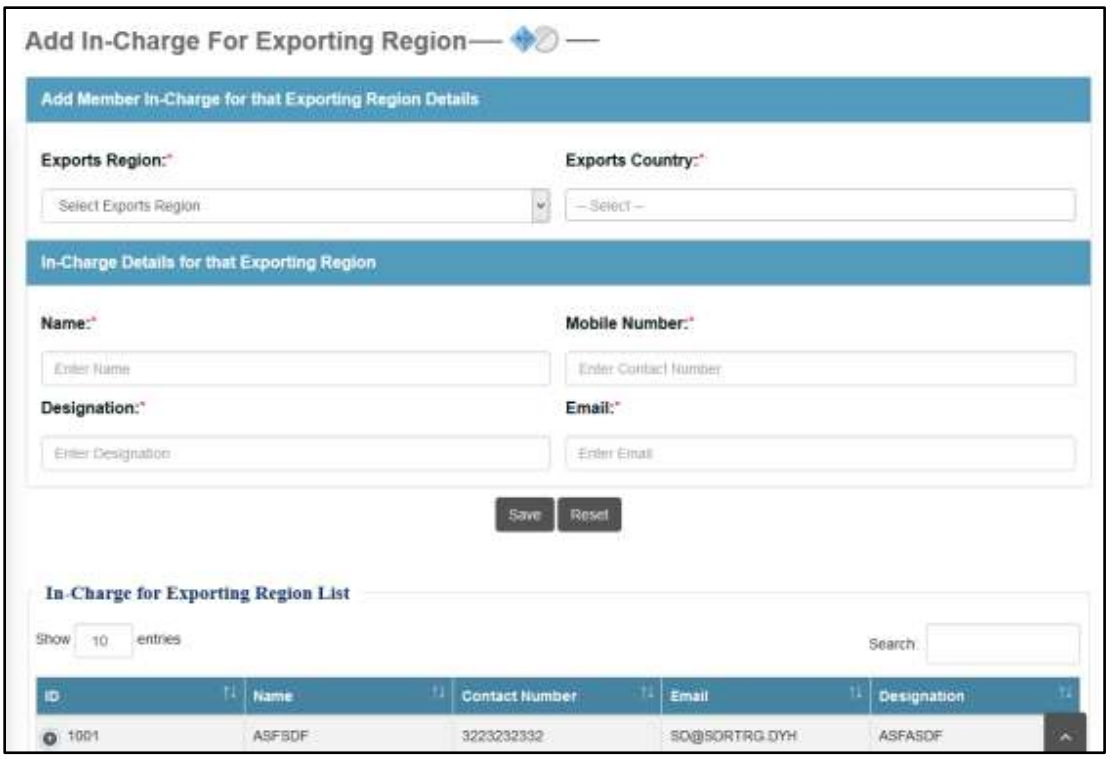

Figure 42: Add In-charge for exporting region

7.8Convert Excel to XML

- When clicking on Convert Excel to XML tab on the dashboard of Merchant Exporter this page **(Fig-45)** will open.
- User can convert Tertiary Packing Excel (Spreadsheet) to XML file or Product Detail Excel (Spreadsheet) to XML file by selecting the Excel file type and browse the XML file which he/she wanted to convert and after clicking on **"Click to convert"** button XML file will be converted.
- User can also download the converted XML file.

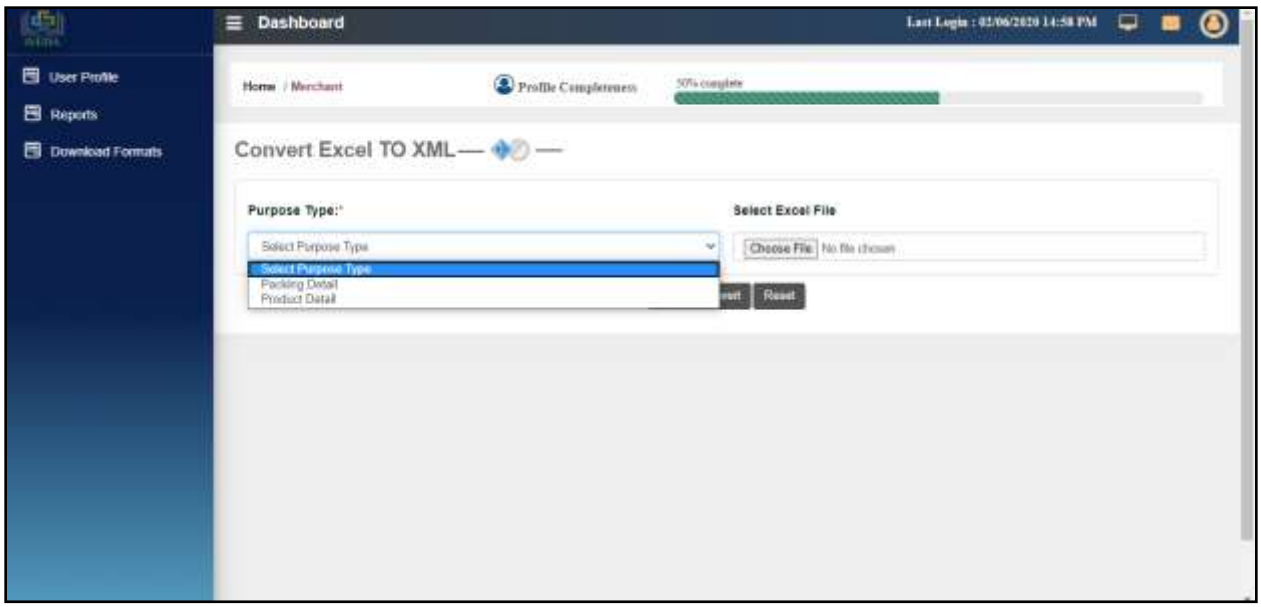

Figure 43: Convert Excel to XML for merchant exporter

7.9Generate Packing Code

- When clicking on Generate Package tab on the dashboard of Merchant Exporter this page **(figure 46)** will open.

- Now from this page you can generate the request for generating the tertiary/secondary code of IVEDA and whatever count you enter **(between 1-999 at one time)** that count of numbers of tertiary and secondary levels will be generated for that particular request.

- One can download the requested IVEDA number from the action tab as shown in **figure 46**. After clicking on action tab there is a **Download** button from which user can download the excel sheet.

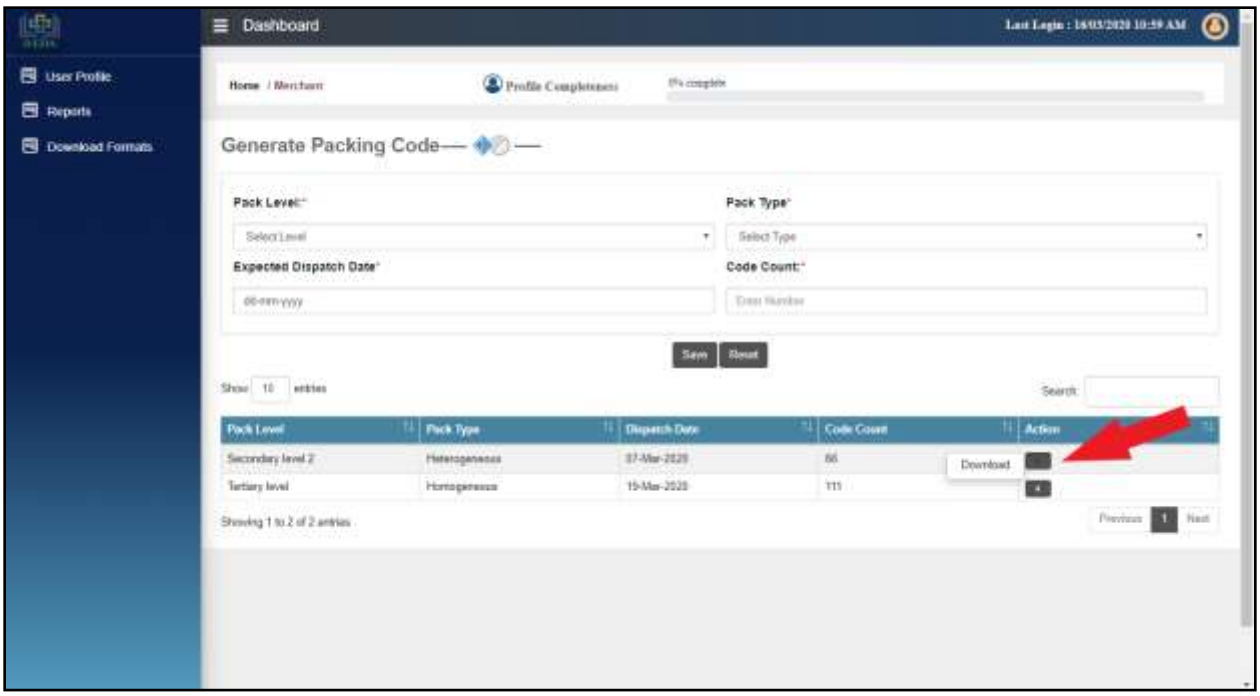

Figure 44: Generate Packaging Code (Wholesale Site Detail)

7.10Reports

7.10.1Wholesale Site Report

- User can see all the details of Wholesale Sites which they add from page of add wholesale sites as shown in **figure 47**.

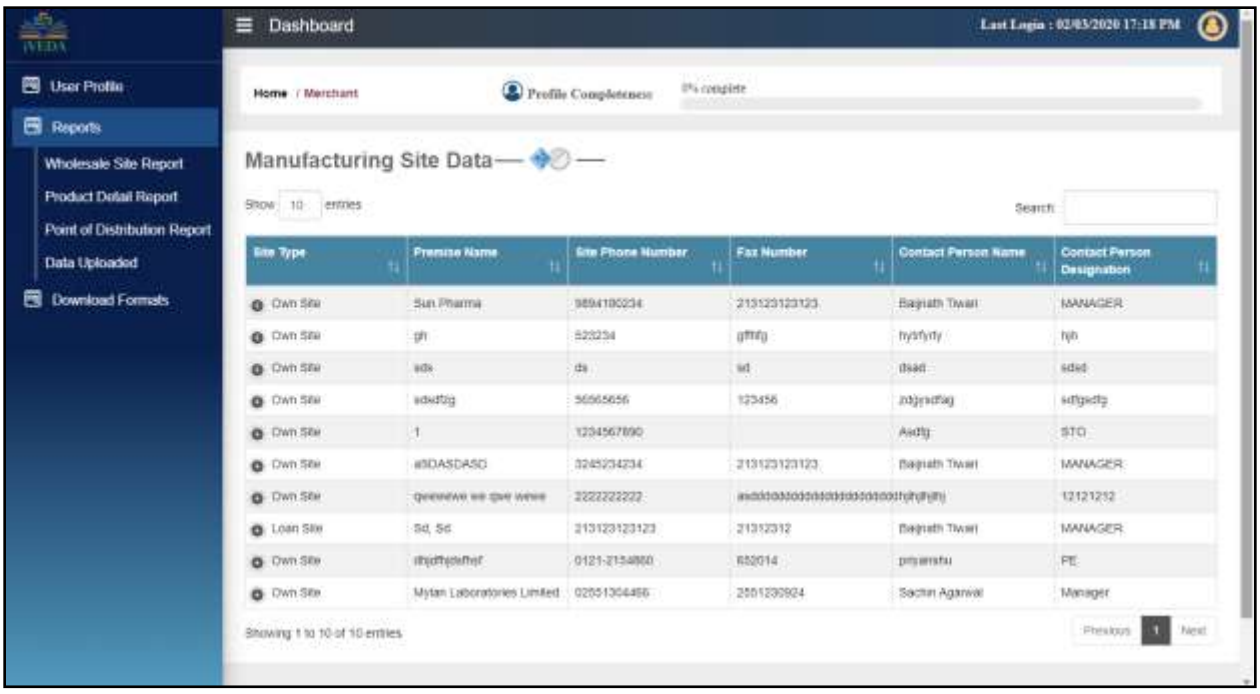

Figure 45: Manufacturing Site Data

7.10.2 Product Detail Report

- User can see the entire products which they added from add product details page.

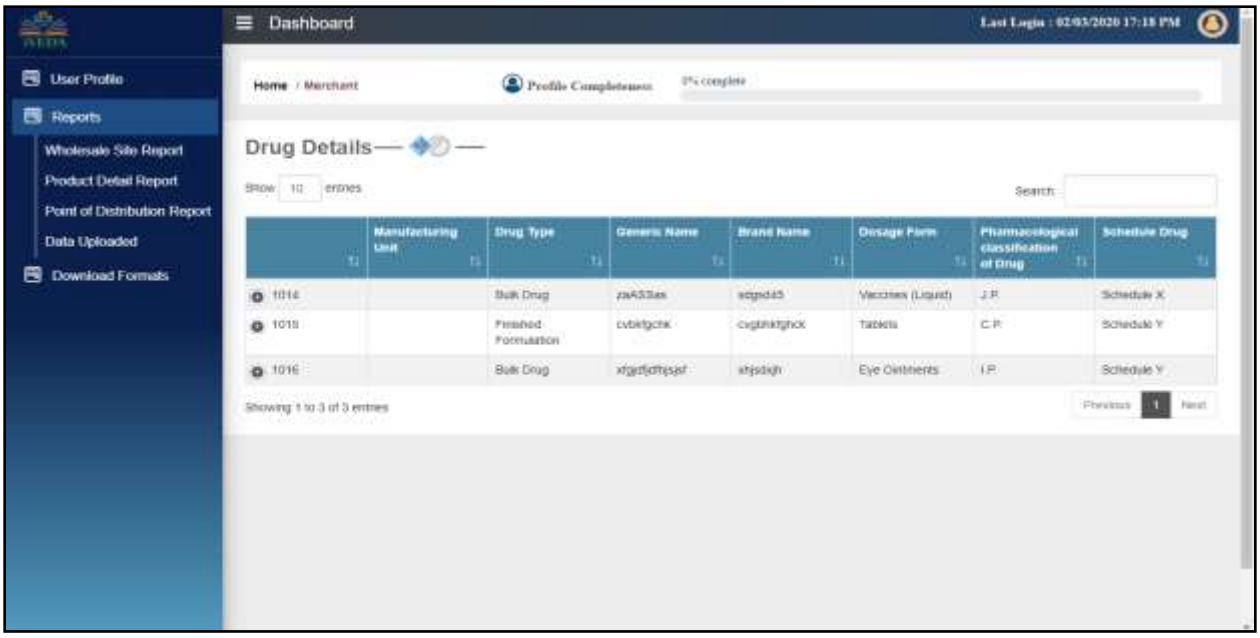

Figure 46: Drug Details (Wholesale Site Detail)

7.10.3 Uploaded Data

- One can see all the uploaded XML's from this page which they uploaded from Data Upload section with uploaded time date and they can also download the file which they uploaded earlier to see whether the file is same or not.

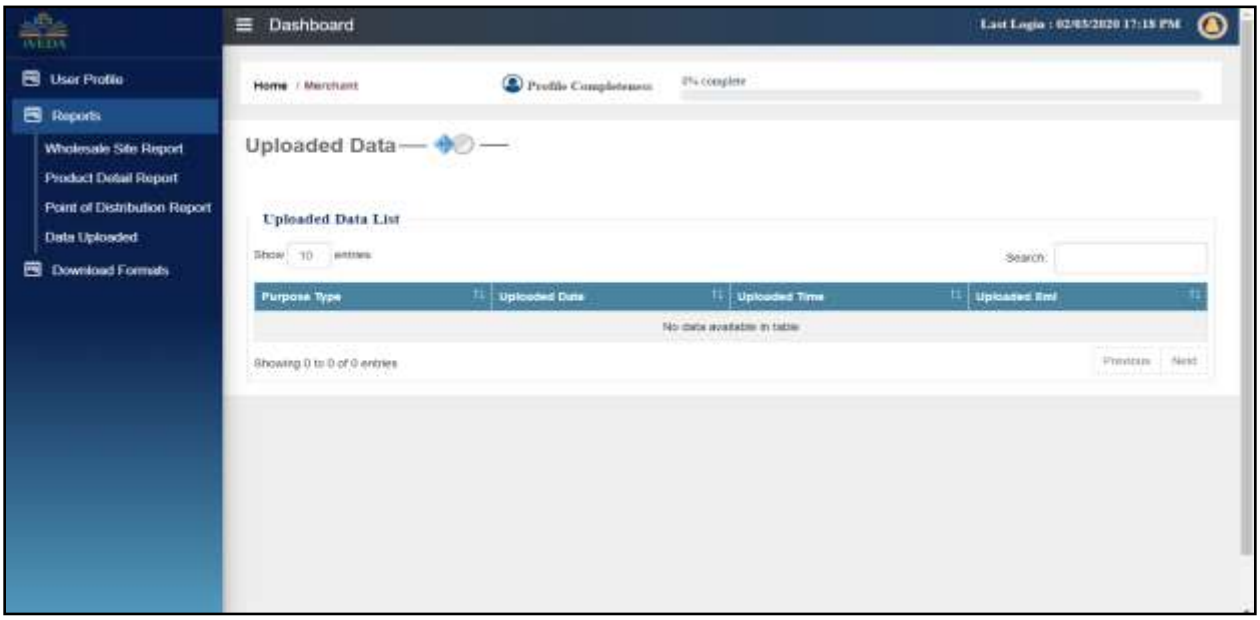

Figure 47: Uploaded Data List

7.10.4Point of Distribution Report

- User can see the entire report of Points of Distribution which they added from the page add Point of Distribution.

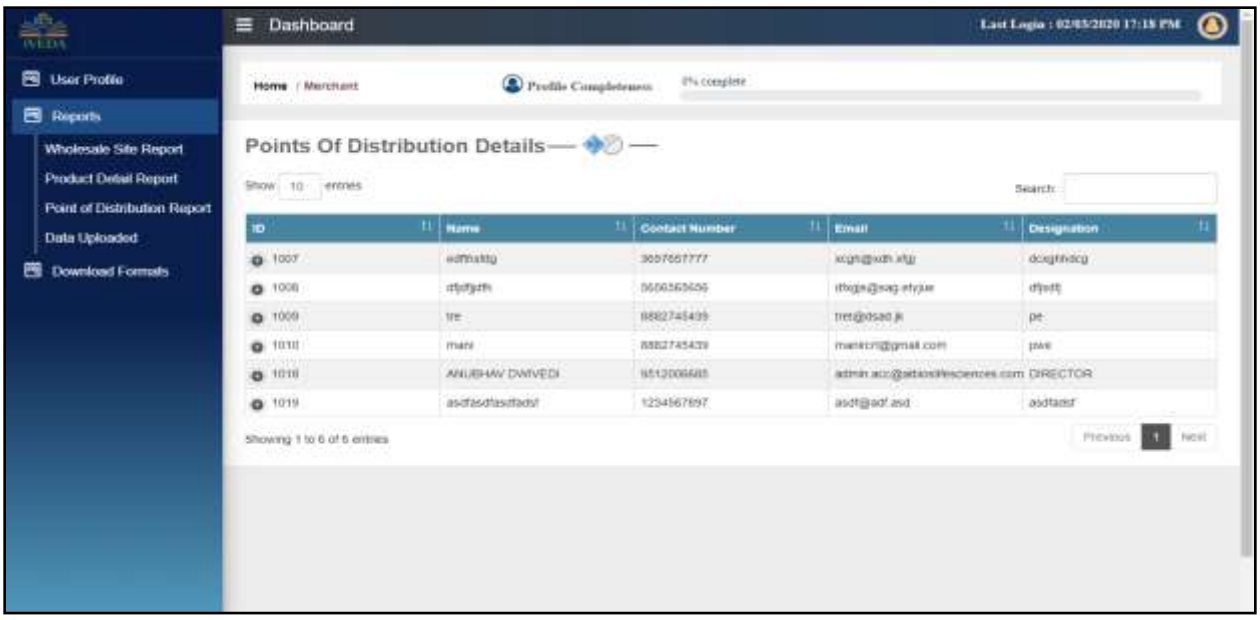

Figure 48: Point of Distribution Details

8.XSD's Format

- User can download all the XSD's, XML's and Excel format from the Download Formats section which is at the left side corner of the Dashboard.

Figure 49: Download File Formats

9.Dashboard of PharmexcilOfficial

- This is the dashboard for administration or pharmexcil officials, from which they can register their officials, approve the applicant, give responses of feedbacks, etc.

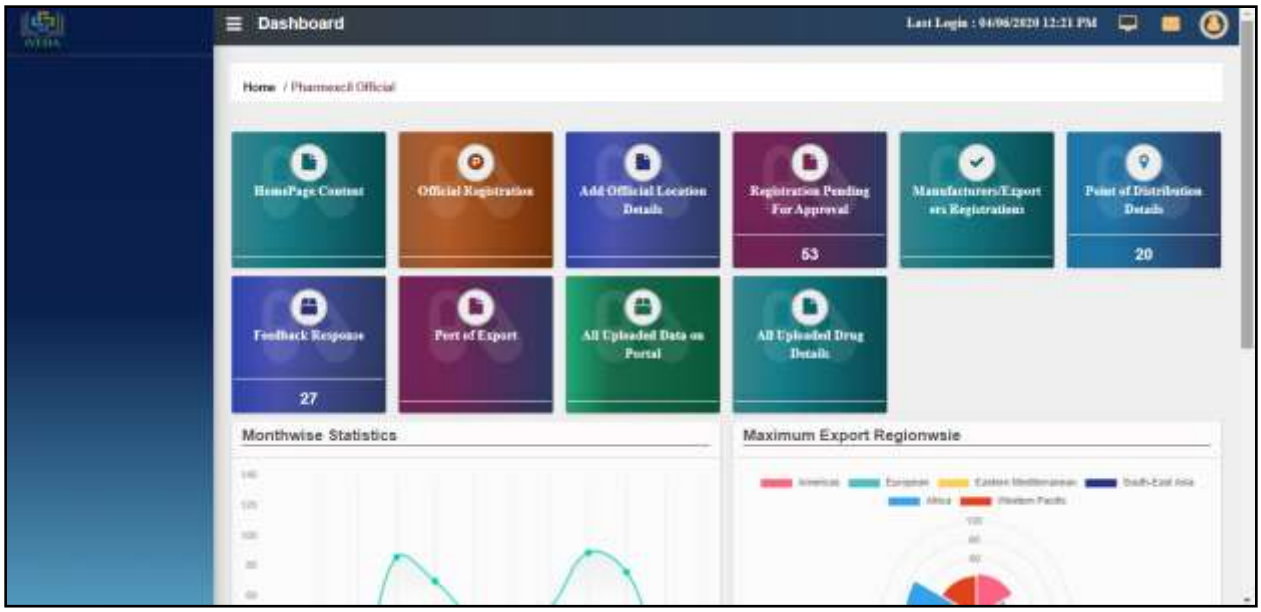

Figure 50: Pharmexcil Dashboard

9.1Homepage Content

- This is the process for changing the homepage content (About Us) from Pharmexcil admin and after clicking on **"Save"**button the homepage About Us section will get updated.

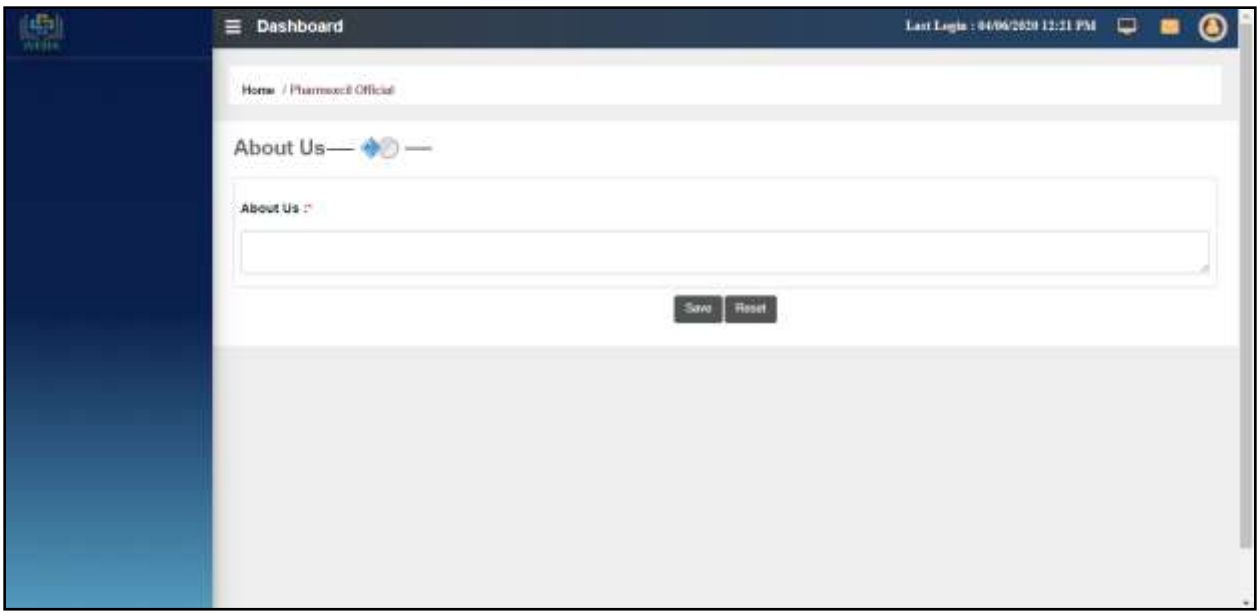

Figure 51: Homepage Content

9.2Official Registration

- This is the dashboard for the Official registration process for Pharmexcil from here they can register their officials and after clicking on **"Save"**button those officials will get registered.

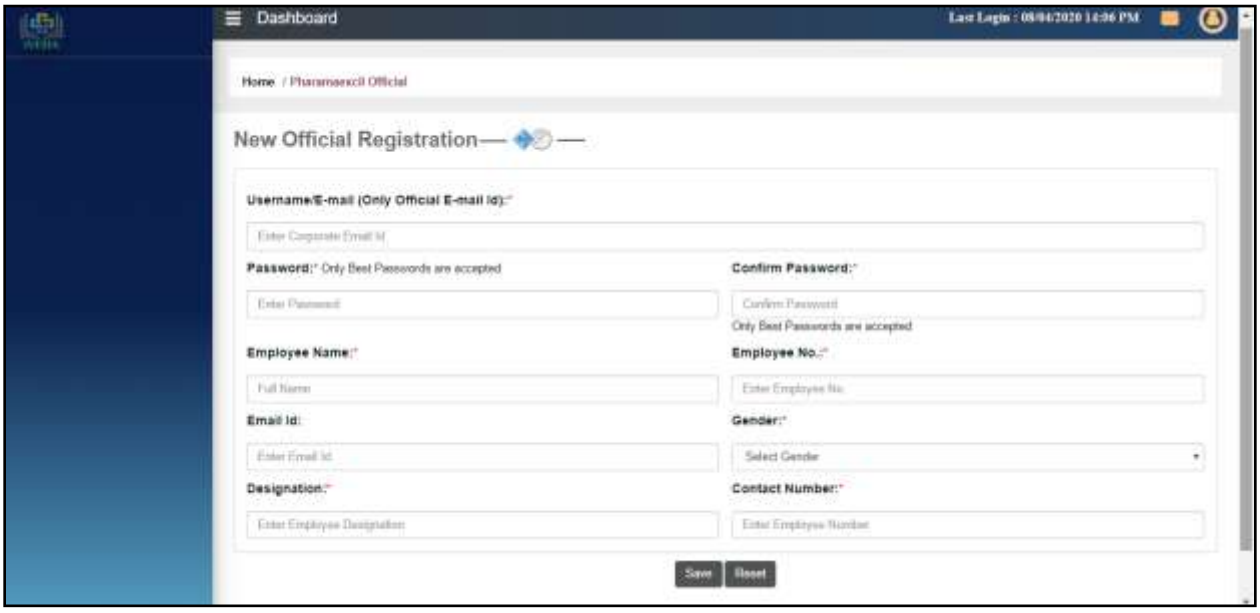

Figure 52: Official Dashboard

9.3Official Location Details

- This is the dashboard for the Official Location Details process for Pharmexcil from here they can register their officials location details and after clicking on **"Save"**button those officials locations will get registered.

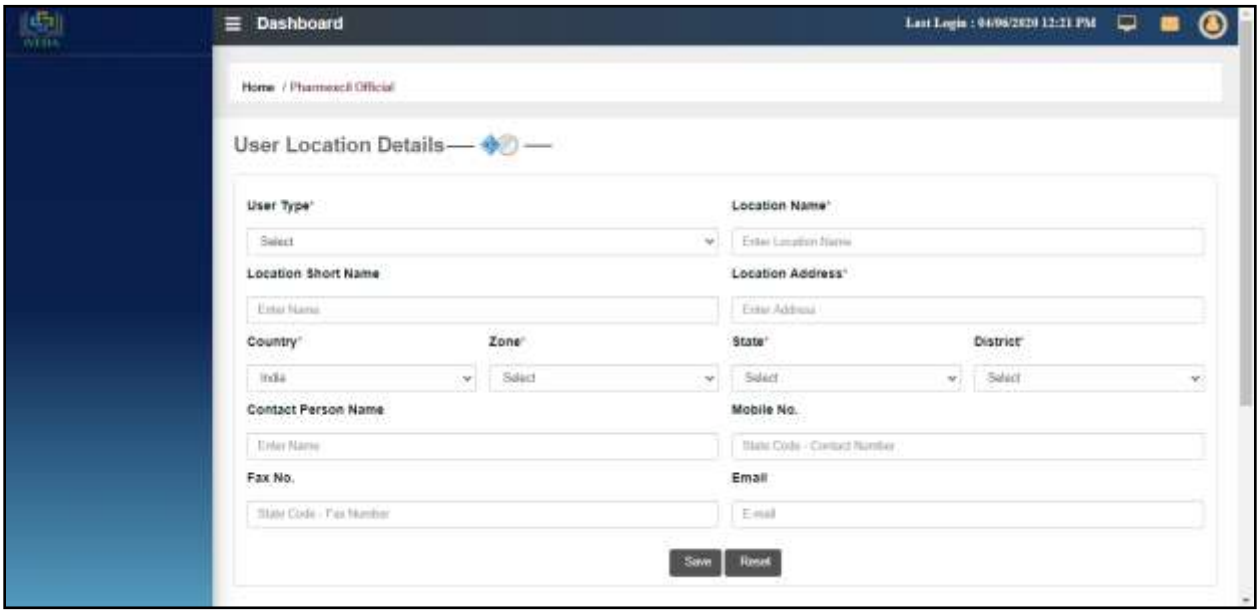

Figure 53: Official Location Details

9.4Registration Pending for Approval or Rejection

- This is the process of approval or rejection, once any corporate register themselves then that user has to be approved by pharmexcil official with the reason if the details are not correct or any type of mistake is there then official will reject those with reason , reason should be mandatory.

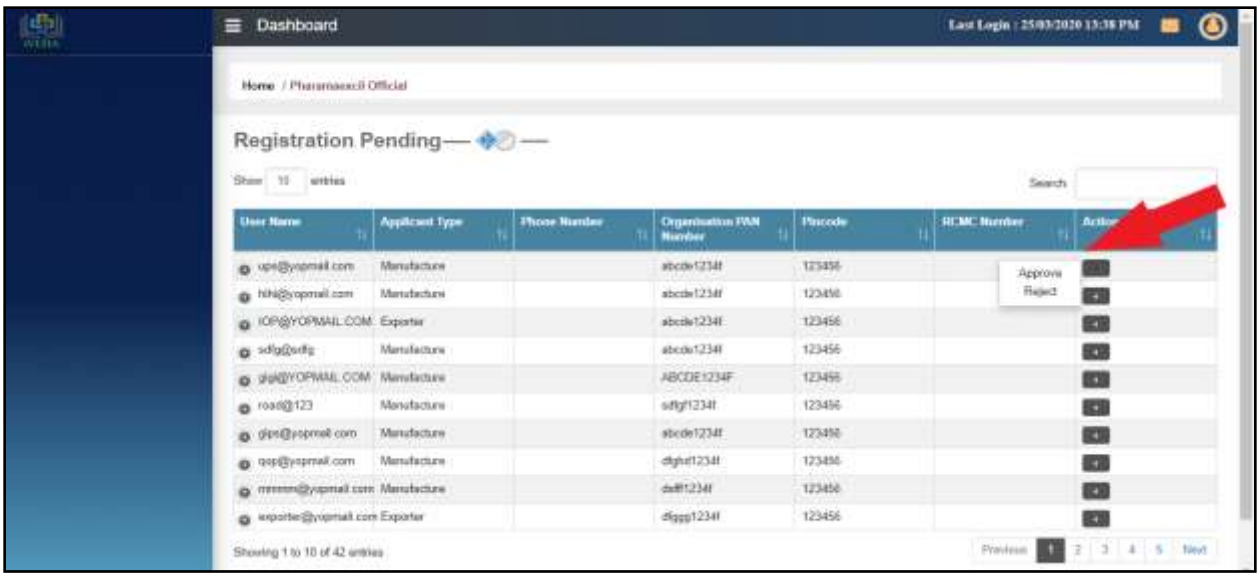

Figure 54: Pending Registration List

- This is the page or window when one click on approve/reject button this window will be open and fill the reason for the approval or rejection. When you click on send button then a mail is sent to the particular person weather approved or rejected.

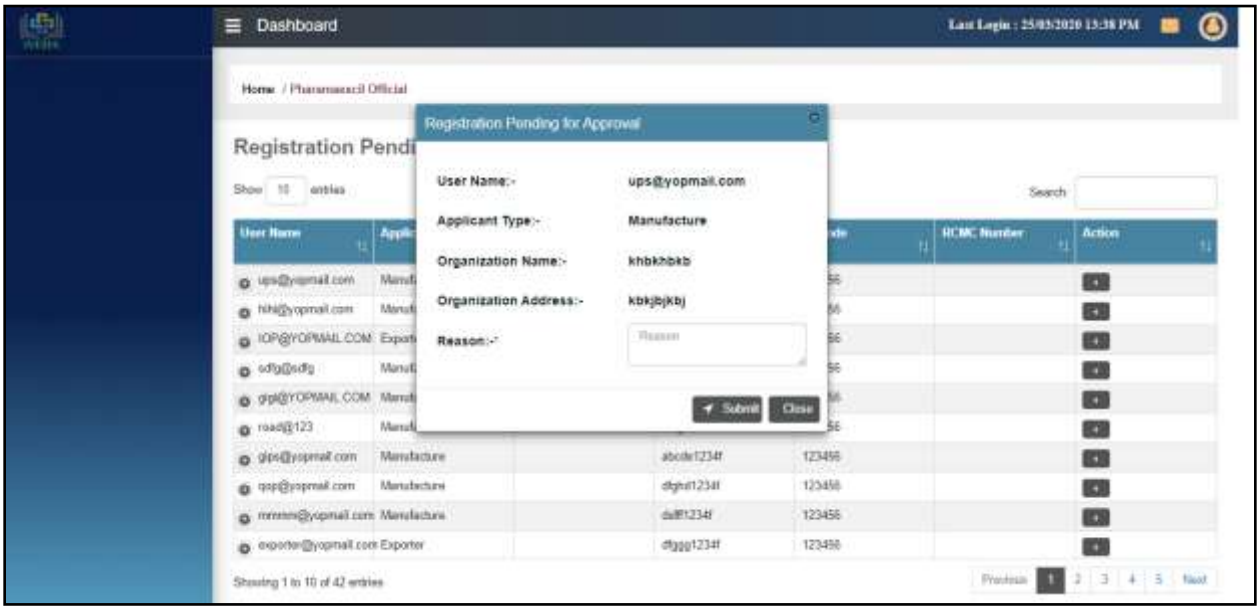

Figure 55: Reject/Approve Window

9.5Manufacturers and Exporters Registration List

- All the users which are approved by the pharmexcil official are shown in this page.

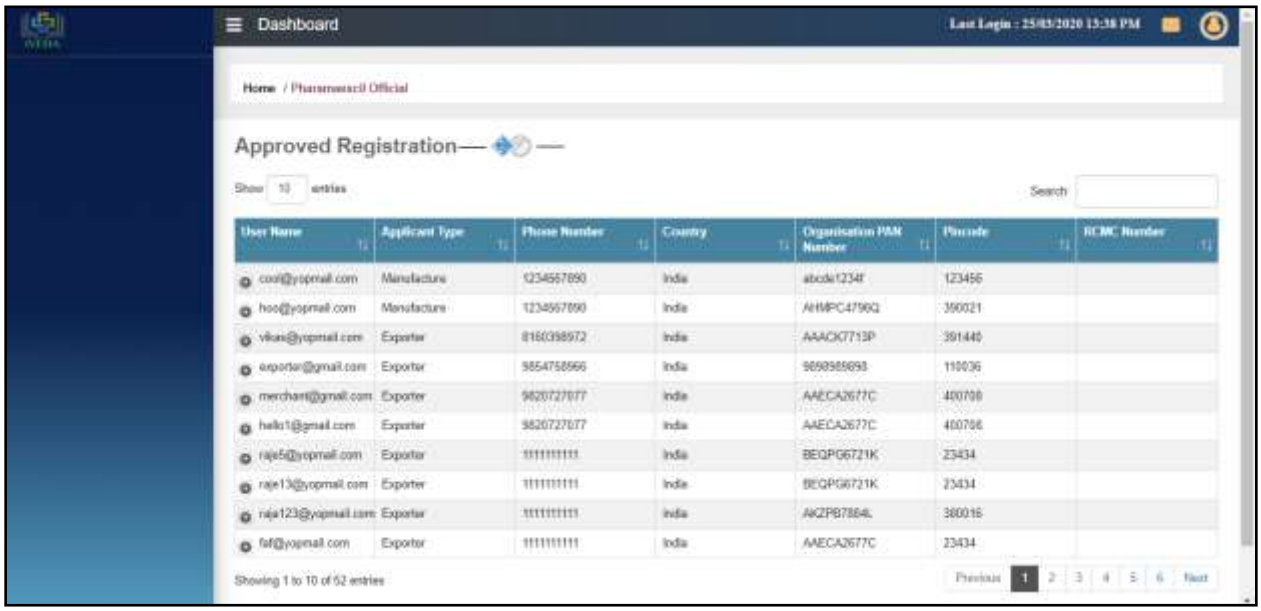

Figure 56: Manufacturer and Exporters Registration List

9.6 Points of Distribution

- All the points of distribution which are added by the manufacturer or merchant exporter are shown in this page.

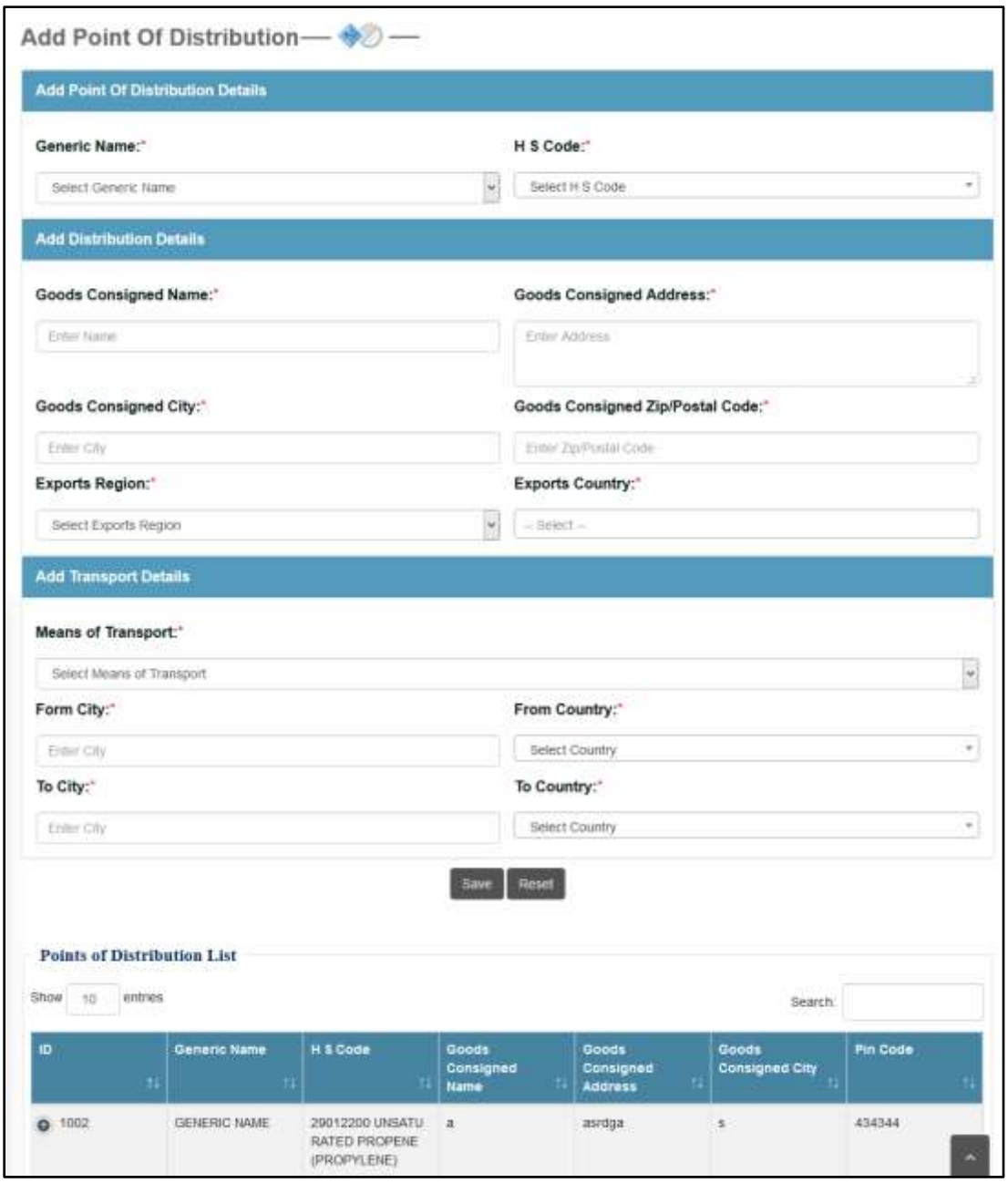

Figure 57: Point of Distribution Detail

9.7 Feedback Response

- All the problems reported from the homepage link are shown in this page.

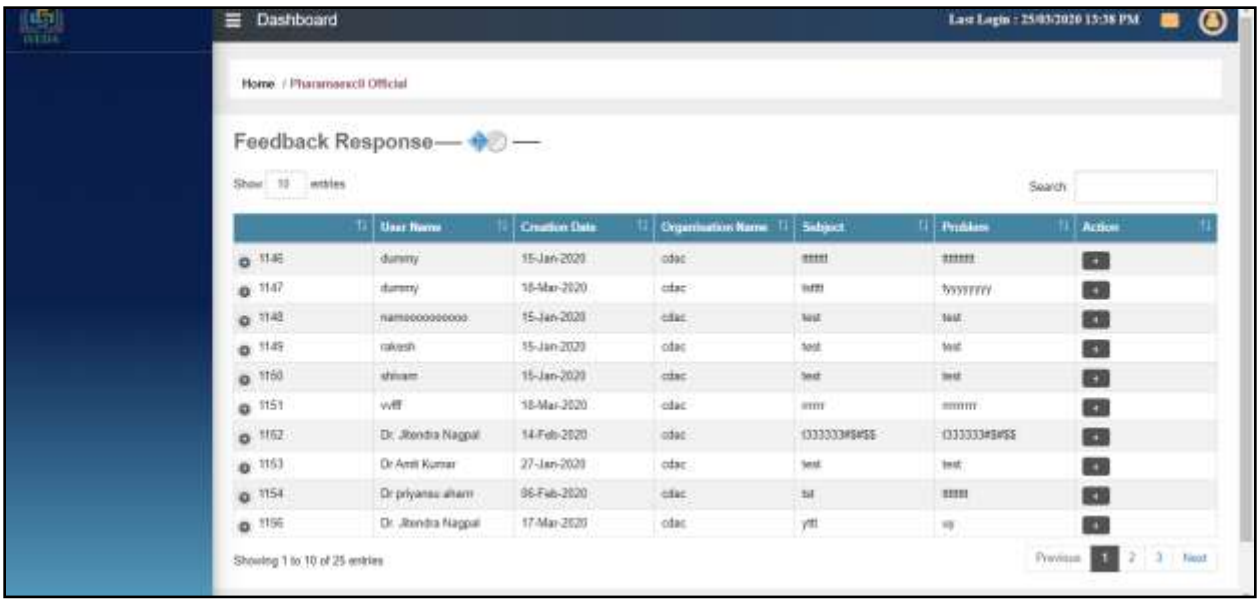

Figure 58: Feedback Response List

9.8 Port of Export

- This is the process for the Port of Export from here Pharmexcil official will add the details of the drugs from where the drugs are exporting.

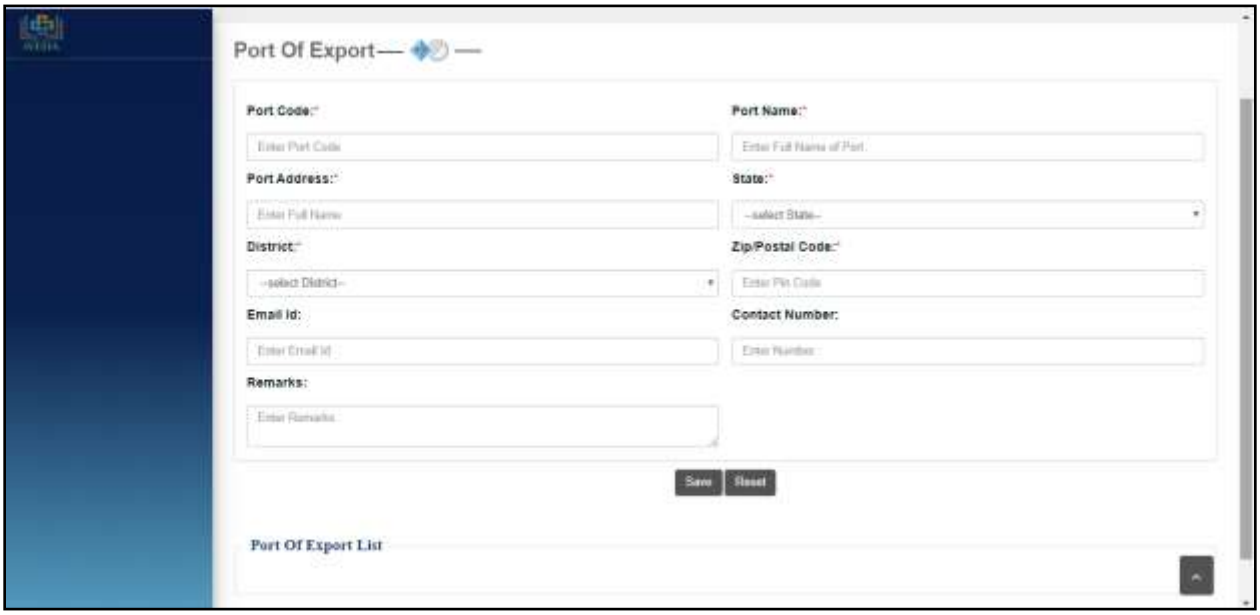

Figure 59: Port of Export

9.9 Uploaded Data Details

- This is the dashboardto see the Uploaded data details, from here Pharmexcil official can see all the data which was uploaded by Manufacturer and Merchant Exporter.

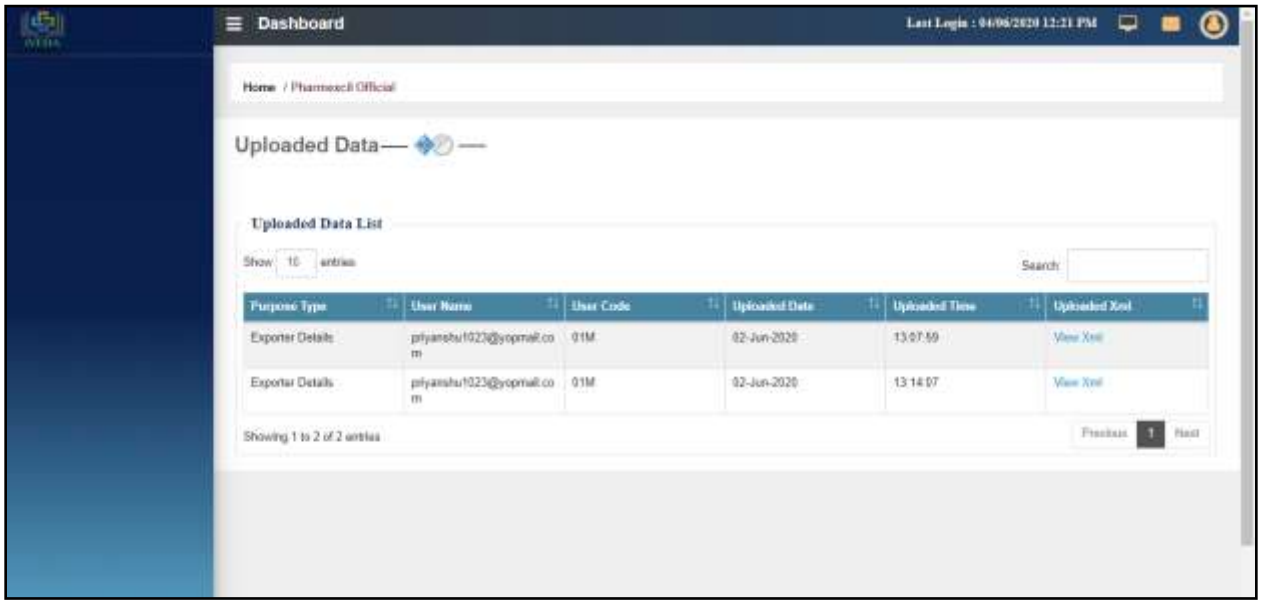

Figure 60: Uploaded Data List

9.10 Uploaded Drug Details

- This is the dashboard to see the Uploaded drug details, from here Pharmexcil official can see the drug details which was uploaded by Manufacturer and Merchant Exporter.

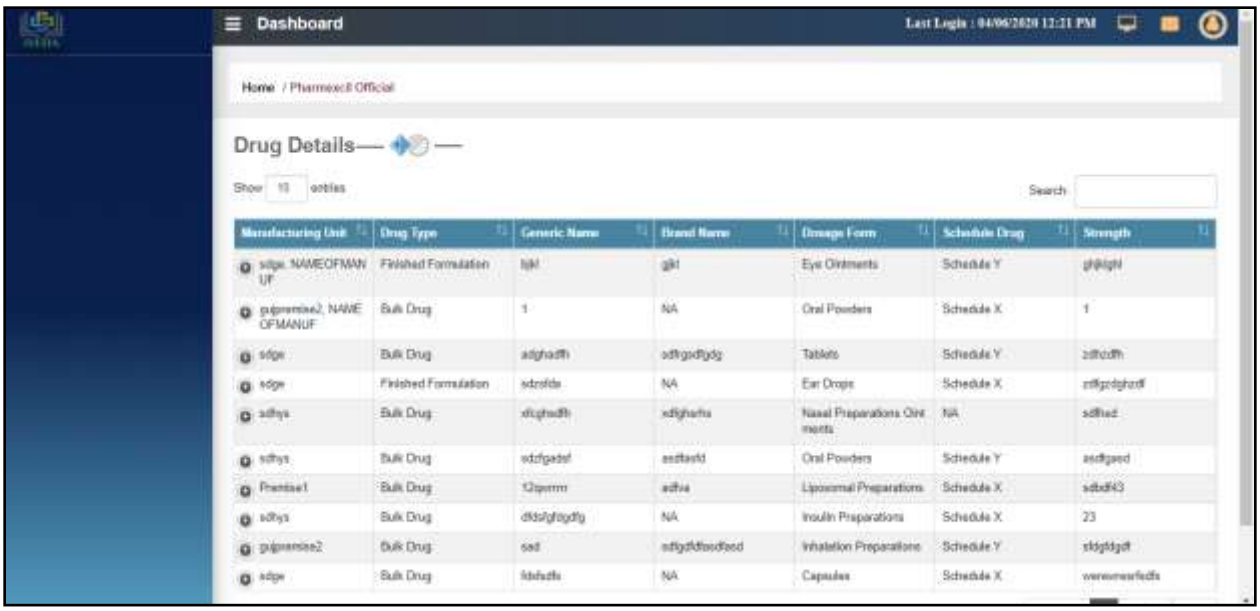

Figure 61: Uploaded Drug Details List

10. Dashboard of Custom Officer

- This is the dashboard for Custom Officer from where custom officer can search for consignment.

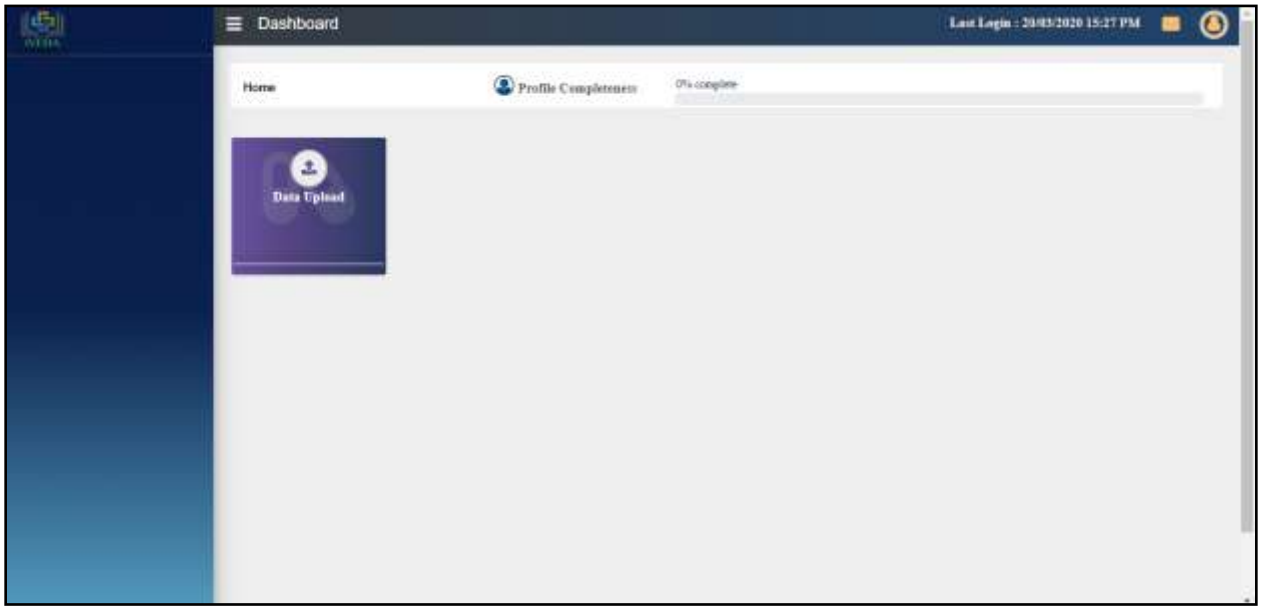

Figure 62: Custom Officer Dashboard

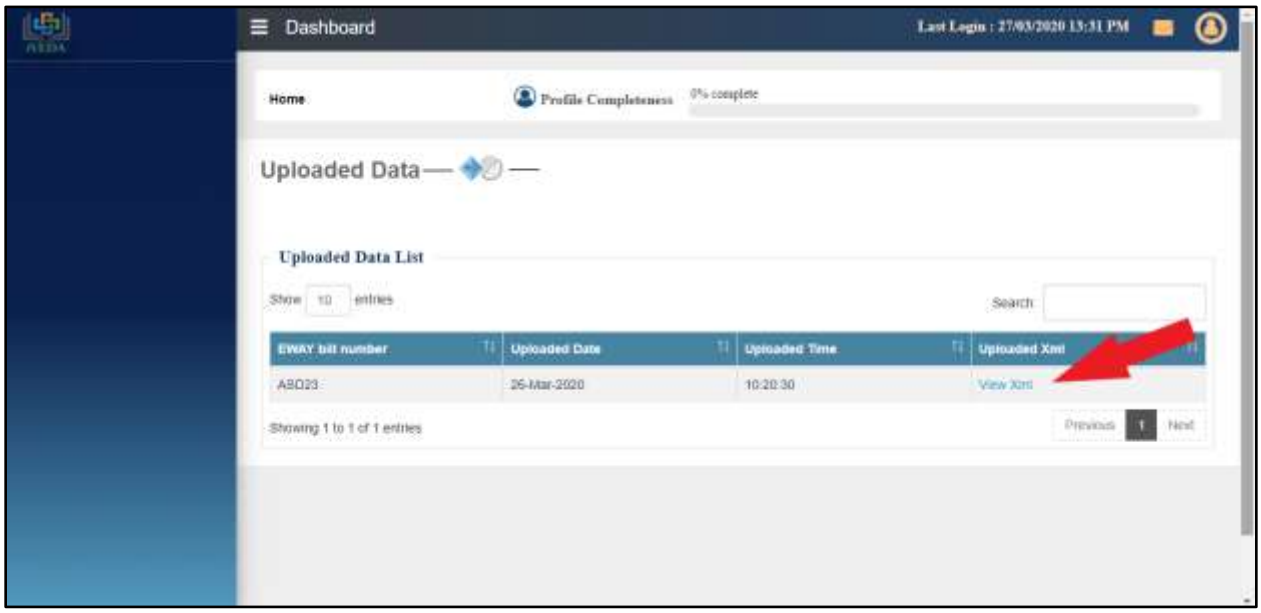

Figure 63: Uploaded Data List (Custom Officer Dashboard)

11. Report a Problem

- When user have any issue with the portal then he/she can click on,**Report a Problem** hyperlink on the homepage as shown in **figure 66**.

Figure 64: Report Problem

- After clicking on the hyperlink a feedback form is open as given below, then user has to fill the corresponding details and click on **"Save"** button.

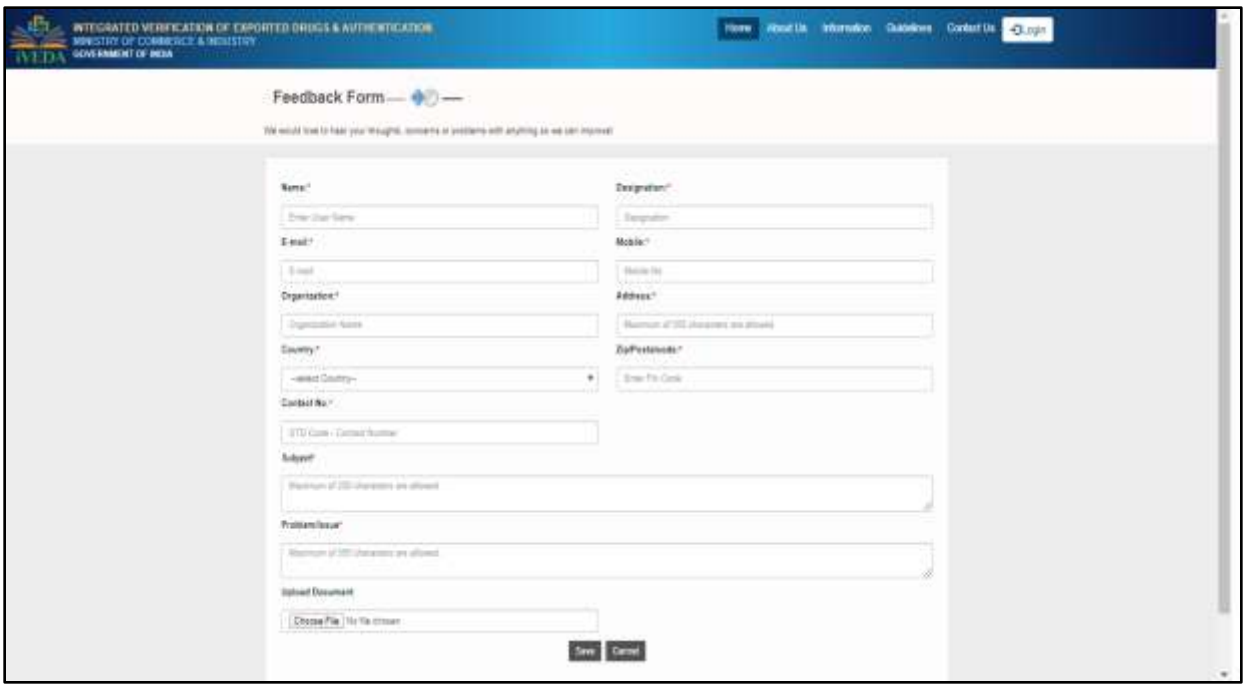

Figure 65: Feedback Form

- When user submits the form then a unique report number will be generated for every problem and anEmail will be sent to the user on their registered Email ID.

CODING SCHEME

12. Packaging Levels and Proposed Coding Scheme for Tertiary & Secondary Pack Levels

12.1 Packaging Levels:

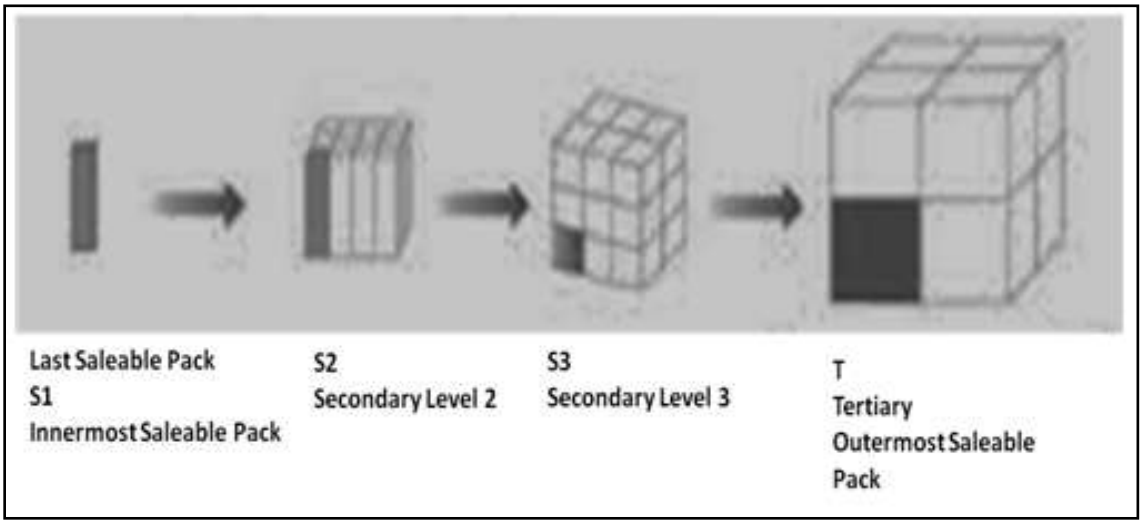

Figure 66: Packaging Level

- **NOTE: Manufacturer/Merchant Exporter can use these code formats for coding / serialization for Tertiary and Secondary Pack Levels**

12.2Manufacturer/ Merchant Exporter Data :

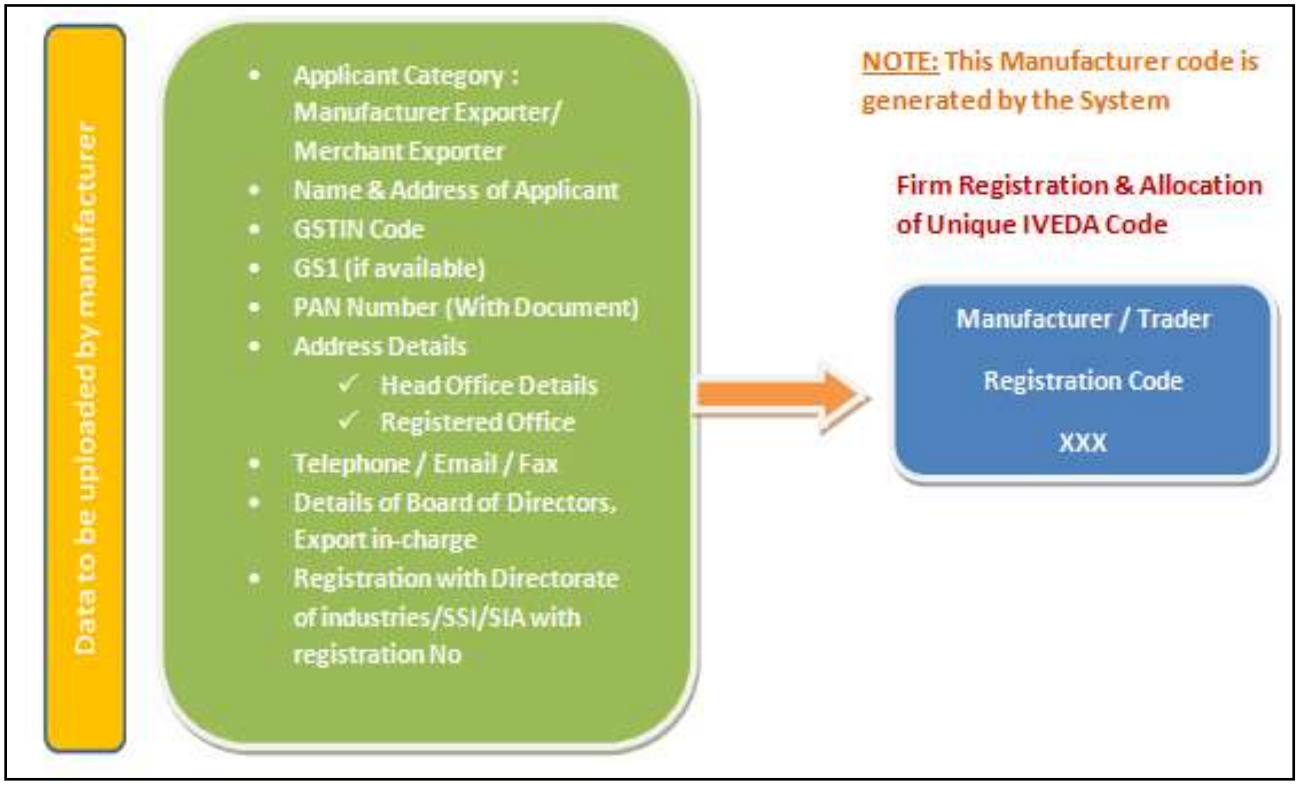

Figure 67: Manufacturer and Merchant Exporter Data

12.3Product Data:

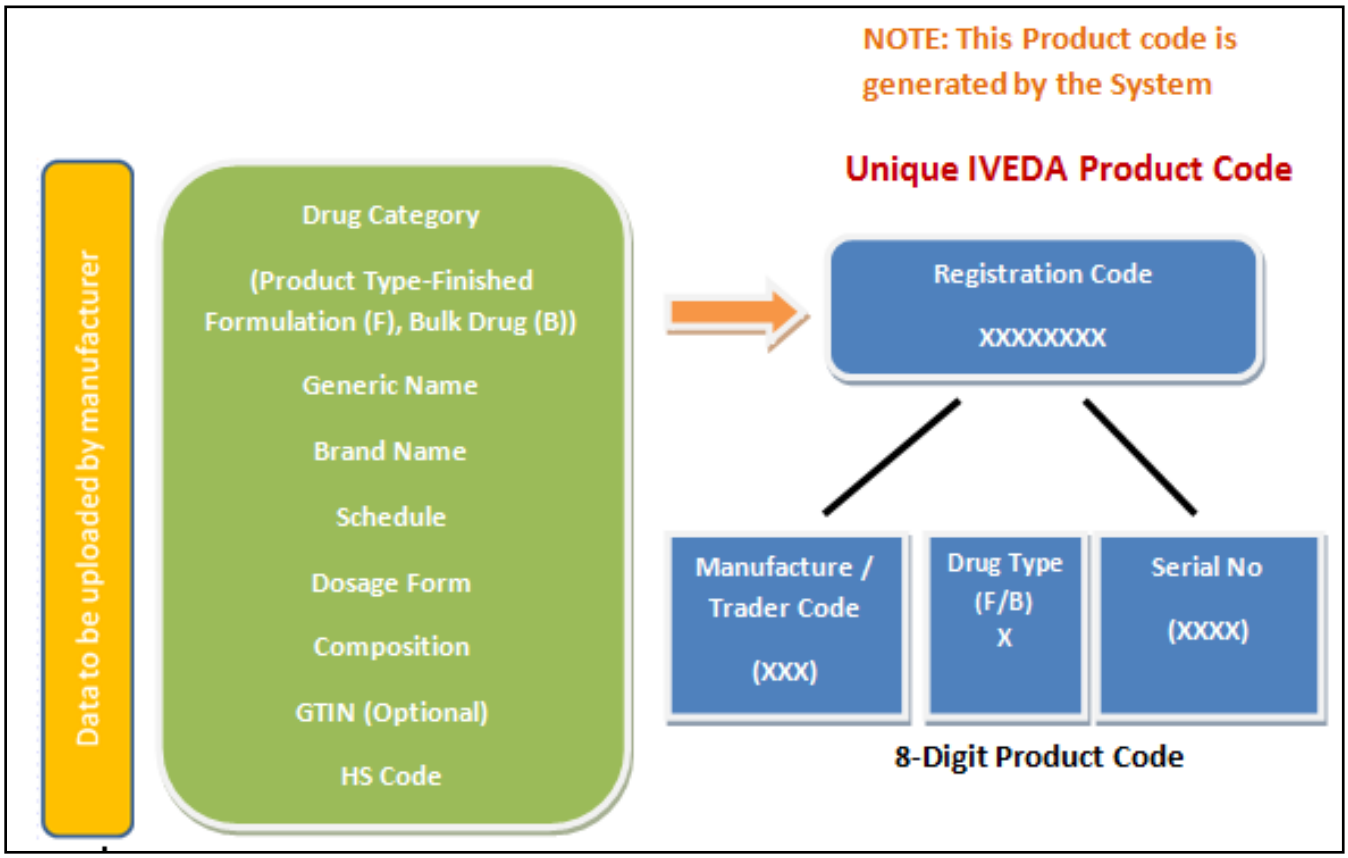

Figure 68: Product Data

12.4 Tertiary / SSCC Pack Code – IVEDA

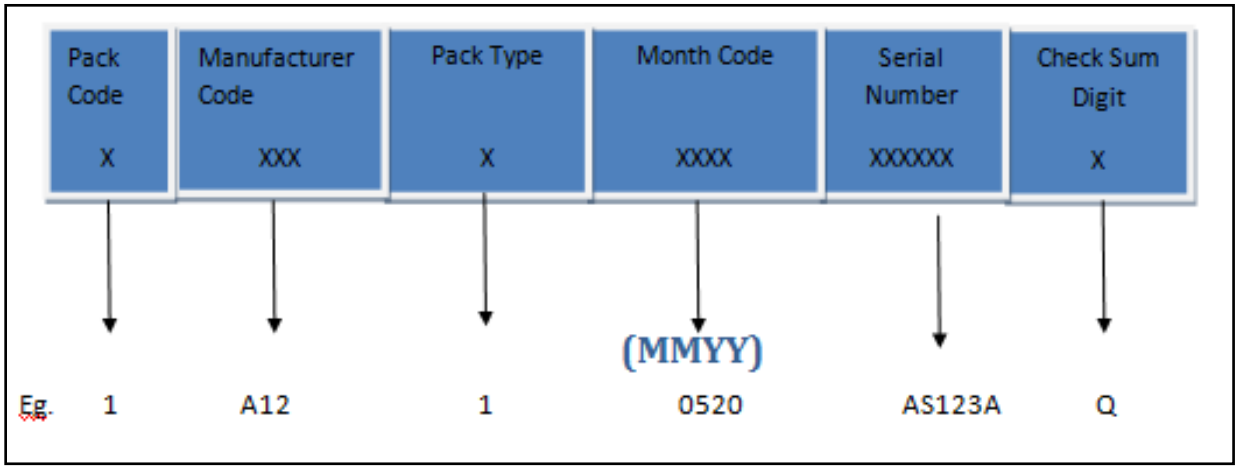

Figure 69: Tertiary Pack code

12.5 Secondary Pack Code – IVEDA

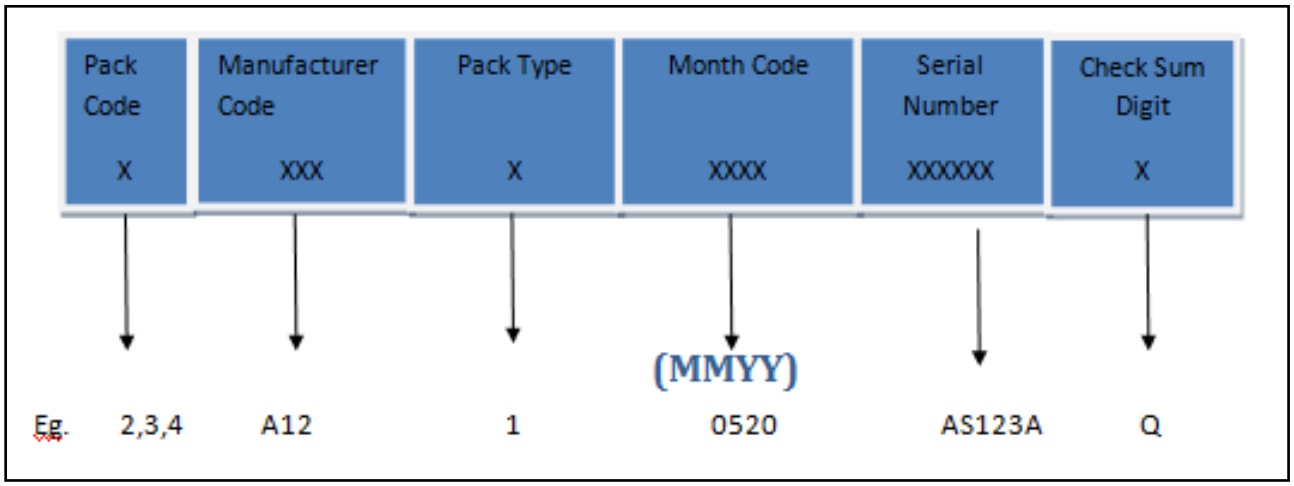

Figure 70: Secondary Pack code

12.6 Primary Pack Code (Optional) – IVEDA

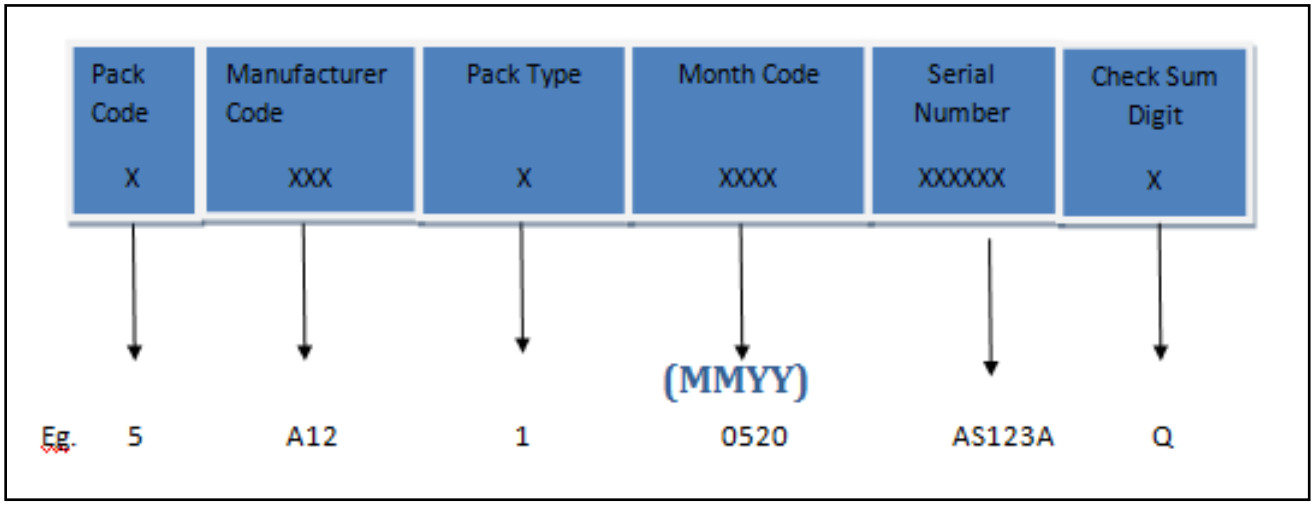

Figure 71: Primary Pack Code

13. XML File Name Format

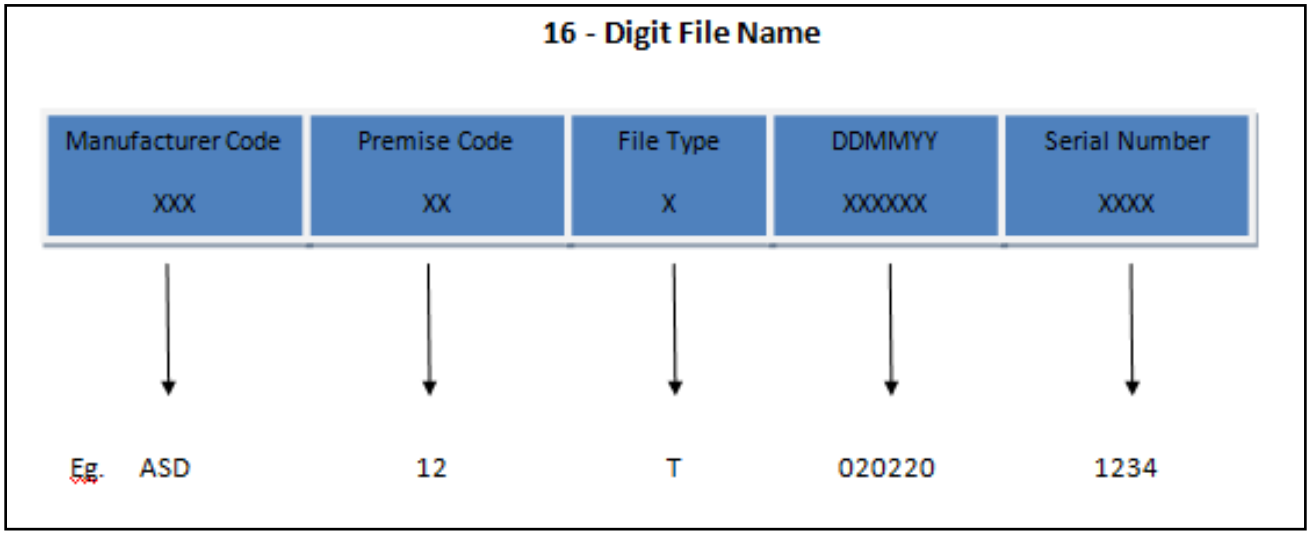

Figure 72: XML File name format

14. XML's Format

14.1 Sample XML for Product

Note : In the Product XML, user has to enter the same Manufacturer code which he/shewill get after the successful registration.

Note : In the Product XML, Product name and Generic name should be different all the time.

All the details marked (*) are mandatory.

<?xml version="1.0" encoding="UTF-8"?>

<PRODUCTS_LIST>

*<FILENAME>ASD12P0202201234</FILENAME>

File name is of 16 digit code which consist first 5 digits of premise code then File Type (P-product, S-manufacturing, T-tertiary) then 6 digits date (ddmmyy) and lastly 4 digits running serial number.

* <MANUFACTURER_CODE>AS1</MANUFACTURER_CODE>

3 Digits IVEDA code given by the system when any corporate register them-self.

<PRODUCT>

*<PRODUCT_TYPE>B</PRODUCT_TYPE>

Only one character should be added, which type of product are this Bulk Drug (B) and Finished Formulation(F).

<ProductCode>12345678901234</ProductCode>

If SERIALIZATION_TYPE is GS1 use GTIN for the product and if IVEDA use 10-digit product code generated bysystem

<PRODUCT_NAME>NA</PRODUCT_NAME>

Name of Product (it consist of brand name as well, maximum 50 characters only).

*<GENERIC_NAME>GENERIC NAME</GENERIC_NAME>

Generic name of product (maximum 200 characters only).

<COMPOSITION>NA</COMPOSITION>

Composition of that particular product (maximum 500 characters to be accepted only).

<SCHEDULED>Y</SCHEDULED>

Only one character should be added, if this product is scheduled(Y) or not (N).

<REMARK>NA</REMARK>

Remark (Maximum 200 characters to be accepted).

<STORAGE_CONDITION>20</STORAGE_CONDITION>

Storage condition should be added in this tag as only 5 storage condition to be added here as requested by Pharmexcil. List are as follows :-

2°C - 8°C

-20°C

below25°C

Cool - DarkPlace

below30°C

*<STRENGTH>NA</STRENGTH>

Strength should be added in this tag (maximum 50 characters to be accepted).

*<DOSAGE>DOSAGE</DOSAGE>

Dosage should be added in this tag (maximum 50 characters to be accepted).

*<HS_CODE>12345678</HS_CODE>

8 digits of HS Code should be added in this tag.

</PRODUCT>

</PRODUCTS_LIST>

14.2 Sample XML for Export Packaging

<?xml version="1.0" encoding="UTF-8"?>

<ConsignmentDetails>

<SENDER_MANUFACTURER_CODE>AS2</SENDER_MANUFACTURER_CODE>

3 Digits IVEDA code given by the system when any corporate register them-self.

<FILENAME>ASD12T0202201234</FILENAME>

File name is of 16 digit code which consist first 3 digits of Manufacturer code then 2 digits of Premise code then File Type (P- product, T-tertiary) then 6 digits date (ddmmyy) and lastly 4 digits running serial number.

<FILE_DATE>2001-01-01</FILE_DATE>

File date to be added here on which date this file is uploaded and it is in the format of YYYY-MM-DD.

<FILE_TIME>12:00:00</FILE_TIME>

File time to be added here on which time this file is uploaded.

<SupplyType>COM</SupplyType>

Supply Type to be added in this tag and it contains maximum of 3 characters.

<SERIALIZATION_TYPE>IVD</SERIALIZATION_TYPE>

Type of serialization they follow is type of GS1 or IVEDA or any they have to mention it.

<EWay_Bill_No>ASD123</ EWay_Bill_No >

EWay Bill number to be added in this tag and contains maximum of 20 characters.

<Bill_Date >2001-01-01</Bill_Date >

Bill date has to be added in this tag with the format of YYYY-MM-DD.

<RegionCD>EU</RegionCD>

Exporting region has to be added in this tag and contains maximum of 4 characters.

<CountryOfExp>Country Of Exp</CountryOfExp>

Country of Export on the basis of exporting region has to be added in this tag and contains maximum of 50 characters.

<CompanyName>Company Name</CompanyName>

Name of Company has to be added in this tag and contains maximum of 50 characters.

<CompanyAddress>Company Address</CompanyAddress>

Address of Company has to be added in this tag and contains maximum of 200 characters.

<PortName>Port Name</PortName>

Port Name has to be added in this tag and contains maximum of 250 characters.

< LandingPort>1</ LandingPort>

Landing Port has to be added in this tag and contains maximum of 250 characters.

<Prod_List>

<Product>

<ProductName>ProductName</ProductName>

Product name should be added in this tag and contains maximum of 100characters.

<ProdCode>ProdCode</ProdCode>

If SERIALIZATION_TYPE is GS1 use GTIN for the product and if IVEDA use 10-digit product code generated by system

<BATCH_NUMBER>BATCH_NUMBER</BATCH_NUMBER>

Batch Number should be added in this tag (maximum 20 characters to be accepted).

<EXPIRY_DATE>2001-01-01</EXPIRY_DATE>

Expiry date has to be added in this tag in the format of (yyyy-mm-dd).

<HS_CODE>12345678</HS_CODE>

HS Code is a 8 digit code which has to be added in this tag.

<PROCUREMENT_SOURCE_GSTN>ASDFRT1245786</PROCUREMENT_SOURCE_GSTN>

Procurement Source GSTN should be added in this tag (maximum 13 characters to be accepted.It is optional for manufacturer but mandatory for ME

<PROCUREMENT_SOURCE_NAME>PROCUREMENT_SOURCE_NAME</PROCUREMENT_SOURCE_NAME>

Procurement Source Name should be added in this tag (maximum 50 characters to be accepted).It is optional for manufacturer but mandatory for ME.

<PROCUREMENT_SOURCE_ADDRESS>PROCUREMENT_SOURCE

_ADDRESS</PROCUREMENT_SOURCE_ADDRESS>

Procurement Source Address should be added in this tag (maximum

100 characters to be accepted).It is optional for manufacturer but mandatory for ME.

</Product>

</Prod_List>

<TertiaryCount>1</TertiaryCount>

Count of Tertiary pack has to be added in this tag.

<TERTIARY>

<TertiaryType>HOMO</TertiaryType>

Which Type of Tertiary pack it is, user has to mention here whether it is Homogeneous (HOMO)/Heterogeneous (HETR).

<ProductCount>1</ProductCount>

Count of product has to be added in this tag.

<SSCC>1AS2012345678A</SSCC>

If SERIALIZATION_TYPE is GS1 then SSCC will contain to 18 digits else SSCC will be of 16 digits for IVEDA ([1-4]{1}[a-zA-Z0-9/-]{3}[0/1]{1}[0-9]{10}[a-zA-Z0-9/-]{1})

<Product>

<ProdCode>ProdCode</ProdCode>

If SERIALIZATION_TYPE is GS1 use GTIN for the product and if IVEDA use 10-digit product code generated by system

<BATCH_NUMBER>BATCH_NUMBER</BATCH_NUMBER>

Batch Number should be added in this tag (maximum 20 characters to be accepted).

</Product>

</TERTIARY>

<SEC_LIST>

<SECONDARY>

<SSCC>1AS2012345678A</SSCC>

If SERIALIZATION_TYPE is GS1 then SSCC will contain to 18 digits else SSCC will be of 16 digits for IVEDA ([1-4]{1}[a-zA-Z0-9/-]{3} [0/1]{1}[0-9]{10}[a-zA-Z0-9/-]{1})

<Type>HOMO</Type>

Which Type of Secondary pack it is, user has to mention here whether it is Homogeneous (HOMO)/Heterogeneous (HETR).

<Level>1</Level>

Level of secondary to define and only numeric will allow in this maximum length of 10digits.

<ParentCD>1AS2012345678A</ParentCD>

Parent Code to be added in this tag and contains minimum

Length of 4 to maximum length of 14 alpha-numericcode.

<CODE_SNo>1AS201234567811A</CODE_SNo>

If SERIALIZATION_TYPE is GS1 then CODE_SNo will contain serial number of secondary pack level(it can be secondary GTIN i.e. GTIN+Serial Number if GS1) else it will be 16 digits IVEDA code serial number

<Product>

<ProdCode>ProdCode</ProdCode>

If SERIALIZATION_TYPE is GS1 use GTIN for the product and if IVEDA use 10-digit product code generated by system

<BATCH_NUMBER>BATCH_NUMBER</BATCH_NUMBER>

Batch Number to be added in this tag which containsminimum of 2 characters to maximum of 20characters.

<SubCount>20</SubCount>

Sub count of serial number to be added here how many serial number arethere.

<List_srno>

All the serial number to be added here which contains maximum characters of 50.

<srno>AOB1</srno>

<srno>AOB2</srno>

<srno>AOB3</srno>

<srno>AOB4</srno>

<srno>AOB5</srno>

<srno>AOB6</srno>

<srno>AOB7</srno>
<srno>AOB8</srno>
<srno>AOB9</srno>
<srno>AOB10</srno>
<srno>AOB11</srno>
<srno>AOB12</srno>
<srno>AOB13</srno>
<srno>AOB14</srno>
<srno>AOB15</srno>
<srno>AOB16</srno>
<srno>AOB17</srno>
<srno>AOB18</srno>
<srno>AOB19</srno>
<srno>AOB20</srno>
</List_srno>
</Product>
</SECONDARY>
</SEC_LIST>
</ConsignmentDetails>

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